

20011031.qrp v02\_n359.qrl.20011031

Date: Wed, 31 Oct 2001 19:03:14 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2359

QRP-L Digest 2359

Topics covered in this issue include:

- 1) [110061] FOX: Cub Fox Night  
by "Karl F. Larsen" <k5di@zianet.com>
- 2) [110062] RE: OPERATING IN CANADA  
by "Tony Fegan VE3QF" <ve3qf@rac.ca>
- 3) [110063] 15 meters hot tonight  
by Fred Lesnick <flesnick@tbaytel.net>
- 4) [110064] QRP Frequencys (long-ish)  
by Darrel Swenson <k0awb@tconl.com>
- 5) [110065] Re: 40M mobile antenna ideas... Was:NEQRP SSB NET tonight  
by Rick McKee <kc8aon@juno.com>
- 6) [110066] Running of the Bulls (WTX)  
by "Dave WR50" <dendav@dzdn.com>
- 7) [110067] Contest- West Central Florida Bull  
by Paul Womble <pwomble1@tampabay.rr.com>
- 8) [110068] Where...  
by Ted Kell <tedkell@ev1.net>
- 9) [110069] WANTED: Manual for Mizuho MX-10Z  
by "Caitlyn M. Martin" <ku4qd@qsl.net>
- 10) [110070] Symmetry? Reciprocity?  
by Nick Kennedy <nkennedy@tcainternet.com>
- 11) [110071] K2 Remote S/W now available for download  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 12) [110072] FS: QRP++ rig  
by Andrew Comas <acomas@bellatlantic.net>
- 13) [110073] SuperGainer Receiver Question  
by "Thaire Bryant" <tbry37@mediaone.net>
- 14) [110074] Give the Ghouls a (ham)Treat!  
by Kenneth Hoglund <hoglund@wfu.edu>
- 15) [110075] I'm ba-aaack  
by "stan mcintosh" <mcintosh@triad.rr.com>
- 16) [110076] one more question: TS-413/U  
by "stan mcintosh" <mcintosh@triad.rr.com>
- 17) [110077] Fox -- Cub Being Burried in QRM  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 18) [110078] FS: Poqet, DSP  
by John Wagner <john@wagner-usa.net>
- 19) [110079] AF4PS Truffle Hunt Log - YUK!

by Macstein@aol.com

20) [110080] Fox -- Now SW BC Carrier...  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

21) [110081] FOX: Tom N1TP  
by "Karl F. Larsen" <k5di@zianet.com>

22) [110082] foxless  
by John Wagner <john@wagner-usa.net>

23) [110083] Fox -- Cub Now @ 7.111  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

24) [110084] Re: one more question: TS-413/U  
by Pete Burbank <plburbank@kih.net>

25) [110085] FOX: Tough!  
by "Ken Kirkley" <ogbc@mindspring.com>

26) [110086] Fox -- Cub Now @ Heterodyne Alley!  
by "Trevor Jacobs" <fxtech@earthlink.net>

27) [110087] N1TP QSY to 7.120  
by "Tom" <n1tp@worldnet.att.net>

28) [110088] Fox -- Covered in BCI...  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

29) [110089] Colorado QRP Club Meeting  
by "Al Dawkins" <alk0frp@home.com>

30) [110090] Re: N1TP QSY to 7.120  
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

31) [110091] FOX: First Cub Fox Hunt prelim report  
by "Tom" <n1tp@worldnet.att.net>

32) [110092] FOX: Fox announcement for 1 NOV, the Iowa FOX, WOPWE  
by "Aartec" <aartec@dwx.com>

33) [110093] Re: First Cub Fox Hunt prelim report  
by "Jim Crooke" <crooke@prodigy.net>

34) [110094] Re: I'm ba-aaack  
by "Trevor Jacobs" <fxtech@earthlink.net>

35) [110095] Australian "Radio and Communications" Magazine  
by Steve Yates - AA5TB <aa5tb@arrl.net>

36) [110096] K1 4 band module complete  
by Dave Redfearn <n4elm@home.com>

37) [110097] Re: [GQRP] Thanks for advice on the USA  
by "Jay Bromley" <w5jay@alltel.net>

38) [110098] FOX: PRE- LOG - First Cub Fox Hunt  
by "Tom" <n1tp@worldnet.att.net>

39) [110099] Re: Symmetry? Reciprocity?  
by "Dave Fifield" <dave@redhotradio.com>

40) [110100] My Ugly Mug on The WEB!!!  
by "Trevor Jacobs" <fxtech@earthlink.net>

41) [110101] Call me "Bull" in WNY  
by Bill Lazure <n2tpa@juno.com>

42) [110102] Re: Symmetry? Reciprocity?  
by Bruce Muscolino <w6toy@erols.com>

43) [110103] Re: Symmetry? Reciprocity?

by "Karl F. Larsen" <k5di@zianet.com>  
44) [110104] Re: PRE- LOG - First Cub Fox Hunt  
by "Jim Stamper" <jstamper@shentel.net>  
45) [110105] Re: Symmetry? Reciprocity?  
by Steve Yates - AA5TB <aa5tb@arrl.net>  
46) [110106] DCTL's and apartments  
by "Tim A. King Jr." <iflyos@hotmail.com>  
47) [110107] Re: Symmetry? Reciprocity?  
by "Lau, Zack, W1VT" <zlau@arrl.org>  
48) [110108] Re: I'm ba-aaack  
by "Mike Yetsko" <myetsko@insydesw.com>  
49) [110109] Re: 40M mobile antenna ideas... Was:NEQRP SSB NET tonight  
by "Mike Yetsko" <myetsko@insydesw.com>  
50) [110110] Digi modes  
by "Rod N0RC" <rod@n0rc.com>  
51) [110111] NJQRP Warblers/USPS  
by n2cx@voicenet.com  
52) [110112] SSTV  
by John R Kirby <n3aaz-qrp@juno.com>  
53) [110113] Not going - Re: Need App.Trail in Shennadoah park info  
by Stephan Greene <sgreene@patriot.net>  
54) [110114] QRP ARCI 160M Sprint  
by W2AGN <w2agn@pobox.com>  
55) [110115] Fox: "Best" frequencies in the 40 meter novice bandspread  
by palmer\_t <ThomasPalmer@colliergov.net>  
56) [110116] Re: Digi modes  
by Dave Sjolín <sjolin@swbell.net>  
57) [110117] Re: My Ugly Mug on The WEB!!!  
by "Paul Harden, NA5N" <na5n@rt66.com>  
58) [110118] Re: Digi modes  
by "Rod N0RC" <rod@n0rc.com>  
59) [110119] Digi Modes AND QRPp  
by John R Kirby <n3aaz-qrp@juno.com>  
60) [110120] Re: DCTL's and apartments  
by "George, W5YR" <w5yr@att.net>  
61) [110121] Re: Fox: "Best" frequencies in the 40 meter novice bandspread  
by "George, W5YR" <w5yr@att.net>  
62) [110122] RE: Sweepstakes QRP hangouts  
by "Kwik, Ed " <ed.kwik@delphiauto.com>  
63) [110123] The ARS Sojourner is a Happy Camper  
by Russ Carpenter <russ@natworld.com>  
64) [110124] OT: Check out browser...  
by "Ed Tanton" <n4xy@att.net>  
65) [110125] Re: Fox: "Best" frequencies in the 40 meter novice bandspread  
by Garie Halstead <k8kfj@ntelos.net>  
66) [110126] Jay Bromley's secret is out  
by "Doug Hendricks" <ki6ds@dph.dpol.net>  
67) [110127] Re: Digi modes

- by "Rod NØRC" <rod@n0rc.com>
- 68) [110128] Re: Fox: "Best" frequencies in the 40 meter novice bandspread  
by Dave Sjolín <sjolin@swbell.net>
- 69) [110129] Re: OPERATING IN CANADA  
by Jim Glover <psykey@okcforum.org>
- 70) [110130] FS: Tektronics Scope ,BK Function Gen, and MFJ-9041 Tuner  
by "mike" <mgolini@home.com>
- 71) [110131] Re: Digi modes  
by Bruce Muscolino <w6toy@erols.com>
- 72) [110132] Re: [Elecraft] Re: Digi modes  
by Phil Wheeler <w7ox@earthlink.net>
- 73) [110133] [CONTEST]QRP Contest Calendar - Nov 2001  
by Ken Newman <N2CQ@dandy.net>
- 74) [110134] Re: RPN (was, I'm ba-aaack)  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 75) [110135] It Works!  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 76) [110136] Digi modes  
by "Rod NØRC" <rod@n0rc.com>
- 77) [110137] e-QSL  
by Dragon Singer <WM-Scace@wiu.edu>
- 78) [110138] RE: [CLUB] Running of the Bulls - WE NEED MORE BULL!  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 79) [110139] FOX: Best Fox Bands  
by "Karl F. Larsen" <k5di@zianet.com>
- 80) [110140] RE: 40m got you bummed out?  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 81) [110141] RE: RPN (was, I'm ba-aaack)  
by Mike Gipe <mgipe@reliablemeters.com>
- 82) [110142] Re: Jay Bromley's secret is out  
by "Jay Bromley" <w5jay@alltel.net>
- 83) [110143] RE: [CLUB] Running of the Bulls - WE NEED MORE BULL!  
by "Tim A. King Jr." <iflyos@hotmail.com>
- 84) [110144] RE: RPN (was, I'm ba-aaack)  
by <igeq100@iupui.edu>
- 85) [110145] Sched Tonight  
by "Karl F. Larsen" <k5di@zianet.com>
- 86) [110146] RE: [CLUB] Running of the Bulls - WE NEED MORE BULL!  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 87) [110147] Re: RPN (was, I'm ba-aaack)  
by "Leon Heller" <leon\_heller@hotmail.com>
- 88) [110148] Low Power Laser (Maybe a bit OT)  
by "Alyn Backe" <va6cw@look.ca>
- 89) [110149] Photos of Jay's BC1-T (You're busted)  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 90) [110150] Re: 40M mobile antenna ideas... Was:NEQRP SSB NET tonight  
by Rick McKee <kc8aon@juno.com>
- 91) [110151] Re: RPN (was, I'm ba-aaack)

by "Mike Yetsko" <myetsko@insydesw.com>  
92) [110152] Underdogs need Help, Quick!  
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>

-----  
Date: Tue, 30 Oct 2001 17:07:51 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-1@lehigh.edu>  
Subject: [110061] FOX: Cub Fox Night  
Message-ID: <Pine.LNX.4.33.0110301703060.3350-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tuesday and it's time for the first of the Cub Fox Hunts. Look for the action on or around 7.110 MHz the actual frequency will vary depending on Broadcast Stations, some of which are in the USA. It starts at 0200 UTC which is 7 PM Mountain Time. It's some other time where you live.

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Tue, 30 Oct 2001 19:25:24 -0500  
From: "Tony Fegan VE3QF" <ve3qf@rac.ca>  
To: <flesnick@tbaytel.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
Subject: [110062] RE: OPERATING IN CANADA  
Message-ID: <LNBBKKB00JGKHIGEKKIJEEDBEDAA.ve3qf@rac.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Fred and gang,

A visitor, operating in Canada with a reciprocal license or agreement, may operate on any frequency allowed in Canada by their equivalent license class. There has been a lot of misinterpretation and misinformation spread about this. The visiting amateur is entitled to use all frequencies that are available to Canadian operators, except that no-code license amateurs are restricted to frequencies above 30 MHz. In a reverse situation, Canadians

operating in the US, are not allowed to operate phone on non US authorized frequencies which are OK to use in Canada (e.g. phone operation on 20 M or 40 M below the US phone band).

Some useful sites:-

Radio Amateurs of Canada: <http://www.rac.ca>

Reciprocal licensing information:

<http://www.arrl.org/FandES/field/regulations/bandplan.html>

<http://strategis.ic.gc.ca/SSG/sf01008e.html>

Canadian HF Band-plans: <http://www.rac.ca/hfband.htm#m40>

ARRL Band-plans: <http://www.arrl.org/FandES/field/regulations/bandplan.html>

IARU Region 2 Band-plans: [http://www.iaru-r2.org/hf\\_e.htm](http://www.iaru-r2.org/hf_e.htm)

Hope this helps

72/73

Tony Fegan VE3QF

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Fred Lesnick

Sent: October 30, 2001 5:32 PM

To: Low Power Amateur Radio Discussion

Subject: Re: OPERATING IN CANADA

I think that has something to do with the band plan, and operating voice on 7.055, I believe that portion of the band is not open to American SSB stations. Correct me if I am wrong, but even though you are in Canadian soil, you still are not to operate on that frequency, just as we are if we are mobile from the U.S..

Fred VE3FAL

Charles Mabbott wrote:

>

> I followed the procedure and no one on 7.055 would

> answer and some stated I was from states and that

> closed the door. So who is being stupid?

>

> I guess I am for posing a question and expecting

> to get an answer.....

>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On

> Behalf Of

> ZOOM  
> Sent: Monday, October 29, 2001 7:33 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: OPERATING IN CANADA  
>  
> Pardon me that's pretty stupid thing to say!  
> Maybe it's just YOU!  
>  
> ----- Original Message -----  
> From: Charles Mabbott <crmabbott@mediaone.net>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: Monday, October 29, 2001 4:30 PM  
> Subject: RE: OPERATING IN CANADA  
>  
> > Been there done that and Canadians still won't talk to you  
> > on SSB with a stateside call.  
> > 73 oo  
> > Chuck AA8VS  
> >  
> > -----Original Message-----  
> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On  
> > Behalf Of  
> > Richard Brummer, K2JQ  
> > Sent: Monday, October 29, 2001 4:18 PM  
> > To: Low Power Amateur Radio Discussion  
> > Subject: OPERATING IN CANADA  
> >  
> >  
> > Karl,  
> >  
> > As copied from the ARRL website:  
> >  
> > "An automatic reciprocal agreement exists between the US and  
> > Canada, so  
> > there is no need to apply for a permit. Simply sign your US  
> > call  
> > followed  
> > by a slant bar and the Canadian letter/number identifier."  
> >  
> > I would just add that it would make good sense to bring a copy  
> > of  
> > your  
> > license, as well as any documentation associated with the  
> > equipment that you  
> > have on your trip.  
> >  
> > 73,  
> > Dick K2JQ

> > -----Original Message-----  
> > From: n7dma@mindspring.com <n7dma@mindspring.com>  
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> > Date: Monday, October 29, 2001 3:48 PM  
> >  
> >  
> > >In an effort to change my evil ways, I'm planning in advance  
> this  
> > time!  
> > Next summer, the XYL and I are going to load up the truck with  
> > camping gear  
> > and mountain bikes, and take a road trip from our home in Tucson  
> > to Lake  
> > Louise, Alberta. I'm taking the 2m rig, and a qrp rig, for  
> > campground /  
> > hiking operations along the way. What are the reciprocal  
> licensing  
> > requirments for a US ham operating in Canada?  
> >  
> >

-----  
Date: Tue, 30 Oct 2001 19:30:46 -0500  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: QRP Canada <qrp-canada@neale.gpfn.sk.ca>, QRPL <qrp-l@Lehigh.EDU>  
Subject: [110063] 15 meters hot tonight  
Message-ID: <3BDF4636.CCDC877D@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang:

15 meters is hot this evening(Oct 31 z).

Worked

2315 z Oct 30/01 CN8YR Mohamad on 21.025

0026 z Oct 31/01 F0/HG9B on 21.011 ( and he is still calling CQ)

Both running 5 watts into my 40 meter dipole.

Fred  
VE3FAL

-----  
Date: Tue, 30 Oct 2001 18:45:15 -0600  
From: Darrel Swenson <k0awb@tcon1.com>



To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [110064] QRP Frequencys (long-ish)  
Message-ID: <3BDF499B.BBF888B6@tcon1.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Kenneth Hoglund wrote:

>  
> Karl and Gang--  
>  
> May I suggest several points on the bands, rather than a single entity?  
>  
[snip]

I have watched this thread develop over the last week or so with some interest. Finally I can't contain myself anymore, I have to throw in my 2 cents!

I agree with Kenneth and several others. Why not several points? These could be just points for crystal controlled radios, +/- 3-5 kHz for VXOs, and starting points or ranges for VFOs. I see a lot of people commenting that they are just looking for starting points for meeting other QRPers on the air. Why not several? Then if the "band plan" calling frequency is busy, in use, or being interfered with, everyone has a second or third starting point.

The whole band gets kind of large to tune through, if you are looking for a QRP to QRP contact. (Not to imply there is anything wrong with a QRP to QRO, QRO to QRO, PSK31, RTTY, or other contacts, it may just not be what you are looking for.) The extra frequencies don't need to be part of any band plan, just publicized starting points.

For my own use, I started a list based on the ARRL Considerate Operator's Frequency Guide, a QRP Calling Frequencies card from Embedded Research, and several QRP-L posts.  
(<http://www.arrl.org/FandES/field/regulations/conop.html>)

| Band  | Calling | Alternatives      |
|-------|---------|-------------------|
| 160M  | 1810    |                   |
| 80M   | 3560    |                   |
| 80M-N | 3710    |                   |
| 40M-E | 7030    |                   |
| 40M   | 7040    | 7060              |
| 40M-N | 7110    | 7112 7122         |
| 30M   | 10106   | 10116 10108 10118 |
| 20M   | 14060   |                   |
| 17M   | 18096   |                   |

|       |       |
|-------|-------|
| 15M   | 21060 |
| 15M-N | 21110 |
| 12M   | 24906 |
| 10M   | 28060 |
| 6M    | 50060 |

I'm sure there are other favorite hang-outs. Let's just add to the list. Some of these are shared with other services, but according to the rules, so are the entire bands. If someone is using your first choice, try the second.

At some point in the next year or two the FCC is probably going to "re-farm" the old Novice Bands. There will probably be some adjustments to the "band plans" when that is done. The FCC seems to like the idea of hams enforcing ourselves via band plans. If you would like to participate in that process, now might be a good time to contact your ARRL representatives and let them know any changes to the band plan that you would like.

Have you filled out the ARRL's Novice/Tech Plus HF Spectrum Survey?

<http://www.arrl.org/news/stories/2001/06/26/1/>

There is also an address for non-ARRL members to e-mail their comments.

[ PLEASE no anti-ARRL flames to the list.]

At some point in the next 5 to 10 years we may have a "WRC2003" (or 06 or 09) band expansion on 40M and maybe a new band at 60M. Same deal - participate.

This or similar threads always seem to develop after a large contest. Band domination by large contests has long been one of my frustrations. Many contests are so large, that they spread out over the entire available band, ignoring a lot of the "band plan."

I would like to see the contest organizers specify band limits for contest contacts, leaving small segments of each band open for regular QSO's during the contest. (It will probably never happen, but I would still like to see it!)

I know, most contests only occur one weekend a year, but if you check, you will have a hard time finding any weekend that doesn't have some kind(s) of contest going on. Some bands are small enough that becomes difficult. Presumably that is why contesting is not allowed on the 50 kHz band at 30M or the 100 kHz bands at 17M & 12M. In most of the world 40M isn't any larger, and some other bands have restrictions (80M & 160M?)

Anyhow... FWIW that's my 2 cents.

72... Darrel... K0AWB

-----  
Date: Tue, 30 Oct 2001 19:44:15 -0500  
From: Rick McKee <kc8aon@juno.com>  
To: w6toy@erols.com, qrp-1@Lehigh.EDU  
Subject: [110065] Re: 40M mobile antenna ideas... Was:NEQRP SSB NET tonight  
Message-ID: <20011030.194430.11550.2.kc8aon@juno.com>

Your right, had it on cap locks ! Didn't look at it til I was done typing and didn't want to redo it ! As for the coil, I painted the whole thing with spray latex paint and soldered on some faston connectors - "WORKS GREAT" <-- deliberate caps !

73.....KC8AON

On Tue, 30 Oct 2001 18:38:08 -0500 Bruce Muscolino <w6toy@erols.com> writes:  
>What you did was very good. I suspect your keyboard inadvertently  
>stuck  
>on upper case so it appeared that you were shouting! I might add that  
>if you are happy with the tap points, rewind with enameled wire and  
>insert tap points. It will last longer sealed up!  
>  
>73

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Tue, 30 Oct 2001 17:53:32 -0700  
From: "Dave WR50" <dendav@dzn.com>  
To: "qrp-1" <qrp-1@lehigh.EDU>  
Subject: [110066] Running of the Bulls (WTX)  
Message-ID: <007f01c161a6\$86af8600\$c826fea9@wr50>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Okay, I'll take the challenge...

Yours truly will be representing WTX during the Running of the QRP Bulls.

I will warn you now that I have always worked contests S&P, so if I get spastic on you, just hang on. I should get better :-).

I'll be above the QRP frequencies, either just inside the N/T+ segment on 10, 15 and 40 and/or just above N0UR, depending on where I can find space. I do anticipate being on all 5 bands, but I don't generally get much action on 80, so my time there *\*might\** be limited.

Speed will likely be around 15-20 (depending), but if you need me to QRS, just ask.

Set up will be IC-756Pro cranked down to 5W into a Gap Titan vertical and (I hope) a random wire NVIS antenna on 40 and 80, using Writelog for logging/keying and helping to decipher Chuck's exchange :-D.

OK, back to RUFZ. I'm hoping for good conditions and to hear a lot of Q stations this weekend...

TU ES GL,

Dave Winfield, WR50  
El Paso, Texas DM61ts

FP -109, SOC 371, ARS 996, Zombie 793

-----  
Date: Tue, 30 Oct 2001 19:59:19 -0500  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [110067] Contest- West Central Florida Bull  
Message-ID: <3BDF4CE7.CDB7189F@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Repeat after me:

West Central Florida  
West Central Florida  
West Central Florida

WCF is West Central Florida

Please make sure your logging software includes our section. Don't let a technical error keep you from getting that sweep!

I'll be hanging out high in the bands...somewhere between N0UR and WR50 :-)

73

Paul K4FB/bull

-----  
Date: Tue, 30 Oct 2001 19:10:02 -0600  
From: Ted Kell <tedkell@ev1.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [110068] Where...  
Message-ID: <200110301910694.SM00138@tedkell>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

is Nils? I0 havn't seem him here is quite a while? I always enjored the "offness" of his posts.

N3Ted

-----  
Date: Tue, 30 Oct 2001 20:18:20 -0500  
From: "Caitlyn M. Martin" <ku4qd@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [110069] WANTED: Manual for Mizuho MX-10Z  
Message-ID: <20011030201820.10e0e867.ku4qd@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Hi, everyone,

I have acquired an MX-10Z, but I do not have a manual. Does anyone have one they can copy?

Thanks and 73,  
Caity  
KU4QD

-----  
Date: Tue, 30 Oct 2001 19:20:24 -0600  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [110070] Symmetry? Reciprocity?  
Message-ID: <01C16177.ED61D9E0.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

On the subject of symmetry, or reciprocity--here's a link to a short article on the subject by Reg Edwards G4FGQ, noted antenna guy and author of popular radio shareware:

<http://www.btinternet.com/~g4fgq.regp/page2.html#S204>

As I understand it, the theory of reciprocity works like this. We're both running 100 watts on 20 and have similar receivers. I have an extremely crummy antenna, say a base loaded 36 inch whip on the kitchen table. You have a fabulous antenna farm--6 element monobander at 100 feet. Now, if I hear you at S7, you will also hear me at S7.

I think in general, the principle is true, although under rare circumstances it may not hold.

I thought Dave F's observations were interesting and don't understand all the negativity.

72 & CU in SS--

Nick, WA5BDU

-----  
Date: Tue, 30 Oct 2001 17:28:08 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: QRP-L <qrp-l@lehigh.edu>, GQRP <gqrp@egroups.com>  
Subject: [110071] K2 Remote S/W now available for download  
Message-ID: <3BDF53A8.31CF8336@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

K2 Remote is now on the Elecraft web page for download. This is the first release and we will be adding new features over the following days.

The K2 Remote download page is located at:

[http://www.elecrafter.com/k2\\_remote.htm](http://www.elecrafter.com/k2_remote.htm)

Please email me with 'K2 Remote' in the subject line if you have any problems or have questions / suggestions.

73, Eric WA6HHQ

-----  
Date: Tue, 30 Oct 2001 20:46:44 -0500  
From: Andrew Comas <acomas@bellatlantic.net>  
To: qrp-l@Lehigh.EDU  
Subject: [110072] FS: QRP++ rig  
Message-ID: <3BDF5804.D01CE234@bellatlantic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For Sale, Index Lab's QRP+ for \$250 including shipping to continental US. S/N 124 was upgraded by Index Lab from original model to QRP++ with better receiver and keyer. In excellent condition with original packing and manuals. Will include ICOM speaker/mic for radio

QRP++ is a QRP SSB/CW rig covering 160m through 10m and adjustable power output from 7 watts down to milliwatts. Has built in iambic keyer.

Andrew N2ZT

-----  
Date: Tue, 30 Oct 2001 20:42:41 -0500  
From: "Thaire Bryant" <tbry37@mediaone.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [110073] SuperGainer Receiver Question  
Message-ID: <010a01c161ad\$552e03c0\$52506041@ne.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I'd like to ask a few questions of anyone who has built the SuperGainer Receiver from the G-QRP club. Please reply direct.

TU es 73  
Thaire W2APF

-----  
Date: Tue, 30 Oct 2001 21:05:16 -0500  
From: Kenneth Hoglund <hoglund@wfu.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [110074] Give the Ghouls a (ham)Treat!  
Message-ID: <3BDF5C5C.39B8CF92@wfu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

As has been our custom for some years, a gaggle of ghosts and ghouls will assemble at our home to relieve the neighborhood of its sweets. We have well-lit streets, everyone knows everyone, lots of kids, so our friends bring their kids to our neck of the woods.

Saw a notice that the Transylvania Amateur Radio Club (Brevard, NC--yup, it's the county name) has a special Halloween night operation. Station is K4HXZ, operating from 1800-2355 utc, frequencies 7.237, 14.295, 21.365, 28.335.

While the kiddies are around, I think we'll see if we can qso with the Count--maybe we can get some interest and put some more zombies on the air in the future!

Thought I'd pass the idea along, FWIW.

73  
Ken KG4FGC

-----  
Date: Tue, 30 Oct 2001 21:15:08 -0800  
From: "stan mcintosh" <mcintosh@triad.rr.com>  
To: <qrp-1@lehigh.edu>  
Subject: [110075] I'm ba-aaack  
Message-ID: <003501c161cb\$02665200\$93651a42@triad.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

After almost a year, I'm back, and I understand that I've missed some fun on several fronts. Job is finally settling down enough to devote some slices of time to radio, again, and 2-story workbench is coming along.



Quick question: what would the interest level be in a 1" thick by 3" wide by 4" long scope adapter good for 28 megasamples/second (not good through 28 MHz)? Last Friday, I received the prototype from my brother, and am loving it. For a display, you can use either a PC or a TI graphical calculator (brother is working on software for HP, for those of us that understand that true calc's don't have equals buttons).

Vertical range is a bit limited in that FS goes from abt 2V through 28V. Still, for my work, that's fine, particularly for something portable. In the PC software, there is a standard scope window (dual-trace), FFT window, and toggle button to switch to freq. counter mode. The counter should be good through low VHF. The two traces are DC/AC selectable, with sweep rates from 5/sec through 1/u-sec.

The big advantages for me are that 1) this is perfect to use with Steve Weber's spectrum analyzer adapter, and 2) with data saving ability, this scope allows for data-play in Excel.

Anyway, my brother is considering production, and I said that this group might have some good opinions on utility. Prototype hardware and software are not perfect, particularly in that the current software has hung on me a couple of times. Still, for the utility, I am tickled to have it at my bench.

Glad to be back, and I hope all of you have had a good year.

stan mcintosh  
kd4bth  
greensboro, nc

-----  
Date: Tue, 30 Oct 2001 21:16:51 -0800  
From: "stan mcintosh" <mcintosh@triad.rr.com>  
To: <qrp-1@lehigh.edu>  
Subject: [110076] one more question: TS-413/U  
Message-ID: <003f01c161cb\$3fd89b20\$93651a42@triad.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone know where I can find a schematic for a military TS-413/U signal generator?

thanks,

stan

-----  
Date: Tue, 30 Oct 2001 20:22:32 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [110077] Fox -- Cub Being Burried in QRM  
Message-ID: <200110310222.AA00997@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Hearing some strange raw AC-like raspy junk, wandering around in frequency right on top of Tom, S9++. Comes and goes. Very annoying.

Tom is \*just\* above the noise here, but fairly decent copy. Hope I can hit him! :-)

72/73,

Todd, AG0T

-----  
Date: Tue, 30 Oct 2001 22:47:32 -0500  
From: John Wagner <john@wagner-usa.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [110078] FS: Poqet, DSP  
Message-ID: <3BDF7454.D6E6367C@wagner-usa.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

More stuff FS:

Poqet PC - I think this is the "orginal". Two drive cards, serial adapter and modem, copy of manual. Cosmeticaly OK but not great - works fine. Slight crack on hinge.  
Price \$40 shipped to lower 48

Radio Shack DSP - In good shape, works. I used it once, thought it was neat and then it sat.  
Price \$35 shipped to lower 48

Tech America Soldering station (the big one that usually goes on sale at

RS.com for \$50).

Price \$25 shipped to lower 48

DX shipping will be extra (actual cost only).

73 de John, N1Q0

--

John Wagner - john@wagner-usa.net

Web page: <http://www.neknetwork.com>

-----  
Date: Tue, 30 Oct 2001 21:47:49 EST

From: Macstein@aol.com

To: qrp-1@lehigh.edu, fpqrp-1@mpna.com

Subject: [110079] AF4PS Truffle Hunt Log - YUK!

Message-ID: <123.69a221b.2910c055@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

That was my oddest outing yet! I threw up a G5RV Jr. to see if that would help, and it did some... but... Thanks for all who tried... the TUNER took out Bryn...sorry man.

|      |          |     |    |                |      |                                          |
|------|----------|-----|----|----------------|------|------------------------------------------|
| 0130 | W8DIZ    | 559 | OH | DIZ            | 5W   |                                          |
| 0138 | N8VAR    | 559 | OH | RON            | 5W   |                                          |
| 0140 | NM5M     | 559 | TX | ERIC           | 5W   |                                          |
| 0142 | WB8ICN/M | 559 |    | MIKE           | 5W   |                                          |
| 0144 | CM8ABG   | 599 |    | SANTIAGO, CUBA | ALE  | 100W This was funny.                     |
| 0146 | N2EST/4  | 599 |    | GA JIM         | 100W | wanted to chat! Is this a contest?       |
| 0154 | WV9N     | 559 | OH | RANDY          | 5W   |                                          |
| 0156 | WR50     | 559 | TX | DAVE           | 5W   |                                          |
| ---- | N4VM     | --- | -- | Bryn           | --   | The tunerupper took you out Was it Bryn? |
| 0210 | N1TP     | 599 | FL | TOM/FOX        | 5W   |                                          |

-----  
Date: Tue, 30 Oct 2001 20:48:21 -0600

From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [110080] Fox -- Now SW BC Carrier...

Message-ID: <200110310248.AA01073@bolshoi.cc.misu.nodak.edu>

Content-Type: text/plain

Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Can't win for losing tonight, or so it'd seem. The other QRM went away, and Tom was fairly audible here, building a bit as time went on. About 0245, some SWBC station fired up on 7.110, and I can't hear Tom at all. Carrier is about S5 here. Switched the BFO off, and can hear some of the hounds OK, and a QSO going on about 7.111. Oh well, time to wait and see what develops...

72/73,

Todd, AG0T

-----  
Date: Tue, 30 Oct 2001 20:11:08 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-1@lehigh.edu>  
Subject: [110081] FOX: Tom N1TP  
Message-ID: <Pine.LNX.4.33.0110302008590.3712-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tom is buried under a broadcast station that grows stronger with every minute. He must move up in frequency or he will miss everyone west of the misissippi!

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Tue, 30 Oct 2001 23:14:41 -0500  
From: John Wagner <john@wagner-usa.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [110082] foxless  
Message-ID: <3BDF7AB1.A99D99A2@wagner-usa.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Heard Tom da Fox briefly, but then he was gone. Now there is some serious S9+40 noise right on top of where he was at (I had him abt 7.110.20 or so). Grrrr... gotta love 40m... or not.

73 de John, N1Q0

--

John Wagner - john@wagner-usa.net

Web page: <http://www.neknetwork.com>

-----

Date: Tue, 30 Oct 2001 21:15:26 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [110083] Fox -- Cub Now @ 7.111  
Message-ID: <200110310315.AA01202@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

He's up clear of the BC station! :-) Go get him!

72/73,

Todd, AG0T

-----

Date: Tue, 30 Oct 2001 22:27:02 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: mcintosh@triad.rr.com,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [110084] Re: one more question: TS-413/U  
Message-ID: <5.0.2.1.0.20011030222409.00ae21d0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:16 PM 10/30/2001 -0800, stan mcintosh wrote:

>Anyone know where I can find a schematic for a military TS-413/U signal  
>generator?

>

>thanks,

>stan

Try the BAswap list...Those guys are into that stuff

73 Pete NV4V

-----  
Date: Tue, 30 Oct 2001 22:30:09 -0500  
From: "Ken Kirkley" <ogbc@mindspring.com>  
To: "QRP-L List" <qrp-l@Lehigh.EDU>  
Subject: [110085] FOX: Tough!  
Message-ID: <002501c161bc\$5868e5a0\$35b2f7a5@default>

Welp...glad to say that I was able to get ahead of some awful conditions tonight to nab da Fox...Took several shots, but...finally bagged him at about 02:39. Thanks Tom!

Ken/N04D

ps...my first fox with the TenTec Jupiter...I think it may be a keeper

-----  
Date: Tue, 30 Oct 2001 19:42:24 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [110086] Fox -- Cub Now @ Heterodyne Alley!  
Message-ID: <002a01c161be\$0e51b1c0\$270df4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Out here on the West Coast he's sandwiched between 2 very strong BC stations. Up near 7.120, or 7.145 would have been a better choice out here, but maybe not for back East. I hear Tom in there once in a while, but there's lot's of heterodynes.

73,  
Trev  
KG6CYN

-----  
Date: Tue, 30 Oct 2001 22:45:41 -0500  
From: "Tom" <n1tp@worldnet.att.net>

To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>  
Subject: [110087] N1TP QSY to 7.120  
Message-ID: <002101c161be\$83d8f980\$bf984d0c@tom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

0245 ZULU

QSY to 7.120

-----  
Date: Tue, 30 Oct 2001 21:43:16 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [110088] Fox -- Covered in BCI...  
Message-ID: <200110310343.AA01321@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

The station on 7.110 picks up by the minute, and the  
sidebands are getting quite wide, +/- 4 KHz here. Tough, tough  
tough... :-/

72/73,

Todd, AG0T

-----  
Date: Tue, 30 Oct 2001 20:50:54 -0700  
From: "Al Dawkins" <alk0frp@home.com>  
To: <qrp-l@lehigh.edu>  
Subject: [110089] Colorado QRP Club Meeting  
Message-ID: <006701c161bf\$3e25d880\$0200a8c0@als>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

To all not on CQC List

The meeting for CQC will be November 10th (next Saturday). This will not  
conflict with ARRL SS this Saturday. Cards will be sent out via snail mail.

Questions call K0FRP # in the low down.  
Bonfils Blood Center Old Lowry AFB.  
Al K0FRP

-----  
Date: Tue, 30 Oct 2001 21:46:27 -0600  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [110090] Re: N1TP QSY to 7.120  
Message-ID: <200110310346.AA01347@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Now (0250Z) a BC carrier also on 7.120. :-( I smell conspiracy! ;-)

72/73,

-----  
Date: Tue, 30 Oct 2001 23:18:43 -0500  
From: "Tom" <n1tp@worldnet.att.net>  
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>  
Subject: [110091] FOX: First Cub Fox Hunt prelim report  
Message-ID: <000701c161c3\$215637a0\$bf984d0c@tom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang:

VERY bad band conditions (as often happens)  
during evenings in the novice portions of 40 meters.

Conditions got worst as time went on.

Heard several stations calling, but they were just  
a little TOO far down in the mud competing against those darn  
foreign broadcast stations.

Looks like only 44 pelts.  
I wish I could have pulled more hounds out of the DIN.

Next year at this time I'll have a full sized 2 element CUBEX



QUAD for 40 meters - on a 70 foot tower.

The strongest station was KJ0C.

I will post the preliminary LOG before 0100 Zulu tomorrow.

Thanks to all.

Tom, N1TP  
Naples, Florida

-----  
Date: Tue, 30 Oct 2001 22:26:39 -0600  
From: "Aartec" <aartec@dwx.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [110092] FOX: Fox announcement for 1 NOV, the Iowa FOX, W0PWE  
Message-ID: <000601c161c4\$3c33da40\$5cdececf@b6v6o9>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

W0PWE  
FOX Announcement  
0200 UTC 2 Nov 2001

W0PWE in central Iowa will be the other FOX for the hunt of 1Nov (2 Nov UTC). My plan is to be around 7.037, down band a bit from K7GT. I will be operating split and LISTENING UP. My hope is to work most of the hounds between 1 and 3 Khz up. If the pack will stay up there then you will all be able to hear me better. I will send "UP" occasionally as a reminder that I am listening up. If QRM or whatever drives me below my frequency I will send "DN". In the second hour I will try to listen a little closer in for those with limited RIT range.

Please call me once then listen for a bit to see if I am working anyone. If I am quiet call me again but please don't send your call over and over and over.

My exchange will be as follows:

"<your call> 559 IA JERRY 5W <your call> BK"

Answer me with your exchange followed by "BK"

I will send something like "TU" which means I confirm and I am ready for the next hound.

I will also be sending something like "TU QRZ FOX DE WOPWE UP K" occasionally.

If I copy most of your callsign I will go ahead with the exchange using what I have. For example, if you are W1XYZ and I copy W1XY? I will send:

"W1XY? 559 IA JERRY 5W W1XY? BK"

If I have an incomplete call or have your call incorrect, please send your call along with your exchange like this:

"DE W1XYZ 559 CT BILL 5W W1XYZ BK"

After that I should have it and I will acknowledge accordingly.

Check the official FOX hunting web page at <http://www.cqc.org/fox> for more information.

I am really looking forward to this and I hope to work you all. This is my first time as FOX so please take it easy on me (hi). John Burnley, NU0V has volunteered to help me with logging so that should ease my load considerably. I will be using a Kenwood TS-140 with 500hz filter at 5 watts and an inverted vee at 45 feet. I will also switch to a full sloper and an end fed wire as needed to fill in the pattern nulls. See you then.

72

Jerry Hall

WOPWE

-----  
Date: Tue, 30 Oct 2001 22:33:15 -0600  
From: "Jim Crooke" <crooke@prodigy.net>  
To: <n1tp@worldnet.att.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [110093] Re: First Cub Fox Hunt prelim report  
Message-ID: <010401c161c5\$29431bc0\$52b19cd1@dell>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Tom <n1tp@worldnet.att.net>

> The strongest station was KJ0C.

>

> >

> Tom, N1TP

Thanks Tom,

There were a lot of hounds tonight and you were a real 599 here also.  
Congrats.

73 es oo's de Jim KJ0C

Healer of Brachycephalics and other fine looking creatures  
in Springfield, MO

FP# -108 and semi-official veterinarian of the Flying Pig QRP Club

-----  
Date: Tue, 30 Oct 2001 20:47:36 -0800

From: "Trevor Jacobs" <fxtech@earthlink.net>

To: <mcintosh@triad.rr.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [110094] Re: I'm ba-aaack

Message-ID: <009d01c161c7\$2a490820\$270df4d8@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: stan mcintosh <mcintosh@triad.rr.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Tuesday, October 30, 2001 9:15 PM

Subject: I'm ba-aaack

> (brother is working on software for HP, for those of us that understand  
that

> true calc's don't have equals buttons).

WHAT??? My HP has an = button! Never did get into RPN. ;-) Welcome back to  
the List Stan!

72/73

Trev

KG6CYN

-----  
Date: Tue, 30 Oct 2001 23:05:18 -0600  
From: Steve Yates - AA5TB <aa5tb@arrl.net>  
To: QRP-L Distribute <qrp-l@Lehigh.EDU>  
Subject: [110095] Australian "Radio and Communications" Magazine  
Message-ID: <005001c161c9\$a307c240\$da703ed8@pavilion>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

If anyone knows the PRESENT status of the Australian magazine called Radio and Communications please contact me. It may now be called just Radimag. Up to date contact information would be very helpful too. The latest Web address of <http://www.radiomag.com> appears to be dead.

Thanks.

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://www.geocities.com/aa5tb>  
aa5tb@arrl.net

-----  
Date: Tue, 30 Oct 2001 23:15:37 -0600  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,  
Rhett Isley <risley@ipass.net>  
Subject: [110096] K1 4 band module complete  
Message-ID: <3BDF88F9.7DE09EBA@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

K1 #621 is now QRV on 40, 30, 20, and 17 Meters.

It took me two full evenings to get the 4 band module built and installed in the K1.  
Now to see if I can re-build a 20 & 17 Meter module into a 80 & 15 Meter

module.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Tue, 30 Oct 2001 23:36:45 -0600  
From: "Jay Bromley" <w5jay@alltel.net>  
To: "Jim Lowman" <jmlowman@directvinternet.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [110097] Re: [GQRP] Thanks for advice on the USA  
Message-ID: <006101c161ce\$07cfca20\$6518150a@alltel.net>

Hi Jim and gang,

I don't think the TCXO is all that critical, but I have them in all my rigs so I thought it might be useful in the FT-817. I plan on using it in some extreme temperature situations so we will see. On my DSP rigs I could really hear the drift when using a bandwidth of .50 hZ. Of course the FT-817 can't go that narrow, so the TCXO is probably icing on the cake!

I forgot to mention one thing on my shopping spree is a Palm Paddle for the FT-817. I got to use Mike Gripes and Dave FiFields, these are a must have item. You can get them from Marshall at Morse Express  
<http://www.mtechnologies.com/palm/index.htm#817>

The scoop on the battery pack/one-touch tune is at: <http://www.w4rt.com/>

The Mountain-op pack is nice, but very expensive. I loved the looks of it and didn't want to wait to find one on my own. I am sure that there are cheaper alternatives that would be as good if not better! In fact I think on the FT-817 users group they have been taking about some very neat/cheap packs that were intended for other applications.

BTY, On big antennas the FT-817 front end has way to much gain and I use the IPO and the ATT most of the time! I am not sure about trail antennas yet.

Jim even though I got my FT-817 at Pacificon I am just now getting around to sorting it out. Congrats on you not holding out any longer, grin! Even if Steve misses out on this deal I am sure there will be others to follow in time for Christmas. Rumor has it that the FT-817 will make it into the \$599 barrier before a new model comes out. This will be great for QRP, more operators will buy the rig for a travel radio and we will have the

opportunity to get those folks hooked on QRP!

Now if I could quit playing with all the new toys long enough to get the K1 built!!

Pacificon was a great show, I can't wait till next year!!!

73 de jay..

> Jay, is the TXCO really that critical? And what's the scoop on the  
> battery pack/one-touch tune?  
>  
> Guess I should have made my move at Pacificon - then I could have gone  
> to Mountain Ops. and picked up a carrying pack.  
>  
> Steve, better make your decision quickly. The \$100 coupon for the  
> FT-817 expires in two days! I think that you'll find that the  
> advertised price from any dealer already takes the coupon value into  
> account. Perhaps you could order one and ask the dealer to hold it  
> at will-call until you get to the US.  
>  
> 72 de Jim - AD6CW

-----  
Date: Wed, 31 Oct 2001 01:07:59 -0500  
From: "Tom" <n1tp@worldnet.att.net>  
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>  
Subject: [110098] FOX: PRE- LOG - First Cub Fox Hunt  
Message-ID: <006c01c161d2\$64cbf880\$bf984d0c@tom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

CUB HUNT NUMBER ONE Nov. 1, 2001

| UTC  | CALL      | RPT(rc'd) | NAME   | State | PWR |
|------|-----------|-----------|--------|-------|-----|
| 0201 | W5YR      | 559       | George | TX    | 5W  |
| 0202 | K4GT      | 559       | Jim    | GA    | 5W  |
| 0204 | K4BYF     | 559       | Jack   | FL    | 5W  |
| 0206 | WA5MA (?) | 559       | ?      | TX    | 5W  |

|      |        |     |        |    |    |  |
|------|--------|-----|--------|----|----|--|
| 0208 | K0EVZ  | 599 | Doc    | ND | 5W |  |
| 0209 | AF4PS  | 559 | Mac    | FL | 5W |  |
| 0210 | K4FB   | 559 | Paul   | FL | 5W |  |
| 0211 | KV4EE  | 599 | Craig  | SC | 5W |  |
| 0213 | W2XN   | 559 | Fred   | FL | 5W |  |
| 0214 | AJ4AY  | 559 | Jay    | AL | 5W |  |
| 0216 | N4MAP  | 559 | Sam    | GA | 5W |  |
| 0217 | W0CH   | 559 | Dave   | MO | 5W |  |
| 0222 | KG4LDY | 559 | Jim    | VA | 5W |  |
| 0223 | N4ROA  | 559 | Ben    | VA | 5W |  |
| 0225 | WA9TZE | 559 | Jim    | WI | 5W |  |
| 0226 | KC1FB  | 559 | Jim    | CT | 5W |  |
| 0227 | K8KFJ  | 559 | Gary   | WV | 5W |  |
| 0229 | K5TW   | 559 | Tom    | TX | 5W |  |
| 0230 | K5DI   | 559 | Karl   | TX | 5W |  |
| 0239 | W4BQP  | 559 | Jim    | NC | 5W |  |
| 0233 | K4TJD  | 559 | Tom    | GA | 5W |  |
| 0236 | N10DL  | 559 | Aron   | NH | 5W |  |
| 0237 | N04D   | 559 | Ken    | SC | 5W |  |
| 0239 | NV4V   | 559 | Pete   | KY | 5W |  |
| 0240 | NW7DX  | 559 | Ben    | WA | 5W |  |
| 0241 | N0HRL  | 559 | Ken    | MN | 5W |  |
| 0242 | N1FN   | 559 | ET     | CO | 5W |  |
| 0243 | N7TX   | 559 | Steve  | TX | 5W |  |
| 0257 | KD5KXF | 559 | Mike   | TX | 5W |  |
| 0300 | KD4JEZ | 599 | David  | FL | 5W |  |
| 0305 | K8DIZ  | 559 | Diz    | OH | 5W |  |
| 0306 | N0RN   | 559 | Bob    | CO | 5W |  |
| 0318 | N9AW   | 559 | Jerry  | WI | 5W |  |
| 0320 | WA8BXN | 559 | Mike   | OH | 5W |  |
| 0323 | NK9G   | 559 | Rick   | WI | 5W |  |
| 0324 | KJ0C   | 559 | Jim    | MO | 5W |  |
| 0325 | N0TU   | 559 | Steve  | CO | 5W |  |
| 0328 | KD5MLD | 559 | Mike   | LA | 5W |  |
| 0332 | WS4S   | 559 | Conard | TN | 5W |  |
| 0334 | AC4JH  | 559 | Tom    | OK | 5W |  |
| 0337 | N5IB   | 559 | Jim    | LA | 5W |  |
| 0349 | KI0II  | 559 | Ron    | CO | 5W |  |
| 0352 | K1CL   | 559 | Chuck  | MA | 5W |  |
| 0358 | N8VAR  | 559 | Tom    | OH | 5W |  |

Tom, N1TP  
Naples, florida

-----  
Date: Tue, 30 Oct 2001 23:10:33 -0800  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [110099] Re: Symmetry? Reciprocity?  
Message-ID: <008901c161db\$220e9e40\$0200a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks for your comments Nick. I don't understand the ire of some on the list either. I will always take the high road and welcome intelligent discourse.

I believe that there may be an exception to the channel reciprocity rule particularly as regards polarization twist on some long HF paths. I have discussed this with our comms guru and he agrees that he has heard of this, but can't explain it. That is, on some HF paths, the polarization can be twisted such that the channel is more symmetrical if one station transmits on horizontal and receives on vertical (or vice versa), and the other station uses the same polarization for both TX and RX. I haven't experienced this myself ever, but I have it on good authority that it does happen. Have you or anyone else heard of this?

Cheers es 72,  
Dave Fifield, AD6A

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, October 30, 2001 5:20 PM  
Subject: Symmetry? Reciprocity?

On the subject of symmetry, or reciprocity--here's a link to a short article on the subject by Reg Edwards G4FGQ, noted antenna guy and author of popular radio shareware:

<http://www.btinternet.com/~g4fgq.regp/page2.html#S204>



As I understand it, the theory of reciprocity works like this. We're both running 100 watts on 20 and have similar receivers. I have an extremely crummy antenna, say a base loaded 36 inch whip on the kitchen table. You have a fabulous antenna farm--6 element monobander at 100 feet. Now, if I hear you at S7, you will also hear me at S7.

I think in general, the principle is true, although under rare circumstances it may not hold.

I thought Dave F's observations were interesting and don't understand all the negativity.

72 & CU in SS--

Nick, WA5BDU

-----  
Date: Wed, 31 Oct 2001 02:50:04 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [110100] My Ugly Mug on The WEB!!!  
Message-ID: <00de01c161f9\$ccc38080\$270df4d8@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Well, it finally had to happen, I guess. One of my partners in crime came over tonight right after the fox hunt was ending, with digital camera in tow. I thought great, let's get some pics of the gear, but no, he had to get my mug in the shot too. Anyway, Joe W1GFH/6 has a Ham web page and wanted to get some pictures of Dave WD4PLI/6's and my shack to put on his web page. The three of us are kind of partners in crime when it comes to radio and home brewing, and have become infamously know as the "Burbank Wrecking Crew" by the locals. I don't remember how that got started, but it may have been to do with Dave's Gates BC1-T. Anyway, thought that you guys might get a kick out of it.

BTW the DDS VFO that I've got in my hand is 100% Home Brew, but still under development (I might do a limited kit run later with a silk screened PCB if there is enough interest). It's functional, and tunes from 100KHz to 30 MHz in as little as 1 Hz steps, but I just added some memory and am working on a better menu system for the different features. I should have

turned it on for the picture,Hi! I'll be putting up my own site before too long (when I get some time), and I'll detail the project there. The little rig under the 49er and the Pixie, is an SMK-1 (on the right) and it's matching homebrew VFO on the left.

Joe just put this up tonight, so hope it's working. Here's the link: <http://www.qsl.net/wb1gfh/bwc1.html> . Also check out the rest of Joe's Page at: <http://www.qsl.net/wb1gfh> . He's got some interesting stuff there.

The three of us are working on some neat Lowfer gear right now, and Dave's going to kit it, so I'll keep you guys informed. 136KHz is going to be a fun band to play with, all ground wave! Plus we've got a couple of antenna projects cooking. Dave's web site is here: <http://www.75a-4.com/> More later...Take care...

72/73  
Trev  
KG6CYN

-----  
Date: Wed, 31 Oct 2001 06:40:39 -0500  
From: Bill Lazure <n2tpa@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [110101] Call me "Bull" in WNY  
Message-ID: <20011031.070426.-219497.0.n2tpa@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

As my scores show, I'm no contester, but I try every year. I'm one of the WNY Bulls this year. My pattern is usually this:

I CQ high in the highest band open. - If 10's open, look for me there in the clear spot above 28.080. If it's 15, usually the N/T sub-band. On 20, 14.060 to 14.090. On 40, 7.070 to the N/T.

I usually spend the last 2 or 3 hours on 80 because the higher bands are shut down, and I will have worked everyone I can hear on 40. Freq is normally over 3550.

I run 5W from a K2 into (Mainly) rotatable dipoles. My CW speed is always variable. I'll work anyone from 3 WPM to 35.

Let's try to have as many QRP stations as possible out for this one! It's events like these where we can show how active we truly are.

73,

Bill "Bull" Lazure

W2EB

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<http://dl.www.juno.com/get/web/>.

-----  
Date: Wed, 31 Oct 2001 07:24:09 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: dave@redhotradio.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [110102] Re: Symmetry? Reciprocity?

Message-ID: <3BDFED69.4E397C9B@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The topic of polarization shift is well known and discussed in the ARRL Antenna Handbook. It is quite common. Almost all HF signals undergo some polarization shift. It is thought, I believe, that HF signals actually twist over long path lengths. However, remember the difference between horizontal and vertical polarization is only about 3 dB! Path loss is likely to be much greater!

73

-----  
Date: Wed, 31 Oct 2001 05:39:59 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Dave Fifield <dave@redhotradio.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [110103] Re: Symmetry? Reciprocity?

Message-ID: <Pine.LNX.4.33.0110310533410.1196-1000000@cannac.fun>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Another case where Reciprocity is proven not to be the case occurs when there is a solar CME and a station in the far north, like Alaska is talking to a station in Mexico. It is reported that although the Alaskan is heard fine in Mexico, the Mexican is poor copy in Alaska. This is a case where both are running 5 watts with good antenna's.

A person more knowledgeable about solar events can better explain what

is happening.

On Tue, 30 Oct 2001, Dave Fifield wrote:

> Thanks for your comments Nick. I don't understand  
> the ire of some on the list either. I will always take  
> the high road and welcome intelligent discourse.  
>  
> I believe that there may be an exception to the  
> channel reciprocity rule particularly as regards  
> polarization twist on some long HF paths. I have  
> discussed this with our comms guru and he agrees  
> that he has heard of this, but can't explain it. That is,  
> on some HF paths, the polarization can be twisted  
> such that the channel is more symmetrical if one station  
> transmits on horizontal and receives on vertical  
> (or vice versa), and the other station uses the same  
> polarization for both TX and RX. I haven't experienced  
> this myself ever, but I have it on good authority that  
> it does happen. Have you or anyone else heard of this?  
>  
> Cheers es 72,  
> Dave Fifield, AD6A  
>  
> ----- Original Message -----  
> From: "Nick Kennedy" <nkennedy@tcainternet.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Tuesday, October 30, 2001 5:20 PM  
> Subject: Symmetry? Reciprocity?  
>  
>  
> On the subject of symmetry, or reciprocity--here's a link to a short  
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> of popular radio shareware:  
> <http://www.btinternet.com/~g4fgq.regp/page2.html#S204>  
>  
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> running 100 watts on 20 and have similar receivers. I have an extremely  
> crummy antenna, say a base loaded 36 inch whip on the kitchen table. You  
> have a fabulous antenna farm--6 element monobander at 100 feet. Now, if I  
> hear you at S7, you will also hear me at S7.  
>  
> I think in general, the principle is true, although under rare  
> circumstances it may not hold.  
>  
> I thought Dave F's observations were interesting and don't understand all  
> the negativity.

>  
> 72 & CU in SS--  
>  
> Nick, WA5BDU  
>  
>  
>  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Wed, 31 Oct 2001 07:40:24 -0500  
From: "Jim Stamper" <jstamper@shentel.net>  
To: <n1tp@worldnet.att.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [110104] Re: PRE- LOG - First Cub Fox Hunt  
Message-ID: <004001c16209\$369b0000\$163e6fcc@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bless your heart, Tom! I wasn't sure you got me until I read my call in your log. And I am amazed your list is as long as it is. You are one helluva operator.

I recently "improved" my antenna. The QRM and hetrodynes and BC stations come in so much better now.

Thanks,  
jim-  
KG4LDY  
James H. Stamper  
519 Park Avenue  
Woodstock, VA 22664-1260  
540-459-8350

----- Original Message -----

From: "Tom" <n1tp@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, October 31, 2001 1:07 AM  
 Subject: FOX: PRE- LOG - First Cub Fox Hunt

```

>
> CUB HUNT NUMBER ONE   Nov. 1, 2001
>
> UTC      CALL          RPT(rc'd)   NAME      State      PWR
>
> 0201  W5YR              559         George    TX          5W
> 0202  K4GT              559         Jim        GA          5W
> 0204  K4BYF             559         Jack       FL          5W
> 0206  WA5MA (?)        559         ?          TX          5W
> 0208  K0EVZ             599         Doc        ND          5W
> 0209  AF4PS             559         Mac        FL          5W
> 0210  K4FB              559         Paul       FL          5W
> 0211  KV4EE             599         Craig      SC          5W
> 0213  W2XN              559         Fred       FL          5W
> 0214  AJ4AY             559         Jay        AL          5W
> 0216  N4MAP             559         Sam        GA          5W
> 0217  W0CH              559         Dave       MO          5W
> 0222  KG4LDY           559         Jim        VA          5W
> 0223  N4ROA            559         Ben        VA          5W
> 0225  WA9TZE           559         Jim        WI          5W
> 0226  KC1FB            559         Jim        CT          5W
> 0227  K8KFJ            559         Gary       WV          5W
> 0229  K5TW             559         Tom        TX          5W
> 0230  K5DI             559         Karl       TX          5W
> 0239  W4BQP            559         Jim        NC          5W
> 0233  K4TJD            559         Tom        GA          5W
> 0236  N10DL            559         Aron       NH          5W
> 0237  N04D             559         Ken        SC          5W
> 0239  NV4V             559         Pete       KY          5W
> 0240  NW7DX            559         Ben        WA          5W
> 0241  N0HRL            559         Ken        MN          5W
> 0242  N1FN             559         ET         CO          5W
> 0243  N7TX             559         Steve      TX          5W
> 0257  KD5KXF           559         Mike       TX          5W
> 0300  KD4JEZ           599         David      FL          5W
> 0305  K8DIZ            559         Diz        OH          5W
> 0306  N0RN             559         Bob        CO          5W
> 0318  N9AW             559         Jerry      WI          5W
> 0320  WA8BXN           559         Mike       OH          5W
> 0323  NK9G             559         Rick       WI          5W
> 0324  KJ0C             559         Jim        MO          5W
> 0325  N0TU             559         Steve      CO          5W
> 0328  KD5MLD           559         Mike       LA          5W
> 0332  WS4S             559         Conard     TN          5W

```

|        |       |     |       |    |    |    |
|--------|-------|-----|-------|----|----|----|
| > 0334 | AC4JH | 559 | Tom   | OK | 5W |    |
| > 0337 | N5IB  | 559 | Jim   | LA |    | 5W |
| > 0349 | KI0II | 559 | Ron   | CO |    | 5W |
| > 0352 | K1CL  | 559 | Chuck | MA | 5W |    |
| > 0358 | N8VAR | 559 | Tom   | OH | 5W |    |

>  
>  
> Tom, N1TP  
> Naples, florida  
>  
>  
>  
>  
>  
>  
>  
>

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Date: Wed, 31 Oct 2001 07:17:43 -0600  
 From: Steve Yates - AA5TB <aa5tb@arrl.net>  
 To: Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>  
 Subject: [110105] Re: Symmetry? Reciprocity?  
 Message-ID: <001201c1620e\$6da245e0\$48713ed8@pavilion>  
 MIME-version: 1.0  
 Content-type: text/plain; charset=iso-8859-1  
 Content-transfer-encoding: 7BIT

As I believe someone has already mentioned, reciprocity refers to the actual signal strength, not readability.

If two stations are at 50uV (~S9) to the front-end of each other's receiver but one has an S8 noise floor and the other has an S1 noise floor, then obviously they will not hear each other the same (I know that nearly all S-meters are relative and are not calibrated but if they were this example would hold). This may be the case Karl is referring to when a CME generated geomagnetic storm is in progress and stations of different latitude receive different amount of storm generated noise.

I too have experienced QSO's in which there appears to be no reciprocity but there are so many variables involved it will be very difficult to ever know for sure. Sometimes the

other station  
doesn't listen or has his own threshold at which signals below a certain level  
will be ignored. I  
still believe in reciprocity.

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://www.geocities.com/aa5tb>  
[aa5tb@arrl.net](mailto:aa5tb@arrl.net)

-----  
Date: Wed, 31 Oct 2001 08:35:27 -0500  
From: "Tim A. King Jr." <[iflyos@hotmail.com](mailto:iflyos@hotmail.com)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [110106] DCTL's and apartments  
Message-ID: <[F273igPasSmz6UuEhjJ00017b15@hotmail.com](mailto:F273igPasSmz6UuEhjJ00017b15@hotmail.com)>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

OK...finally...I can report on something that I did that works, instead of  
asking a question!

I recently asked the list for info on 80m antennas, and you guys gave me a  
lot to look at. Thanks for all the suggestions and websites.

I decided to build a DCTL from

<http://marty.w.tripod.com/antennas.html>

It works FB! I got my hands on an MFJ antenna analyzer last night and  
hooked it all up, and wow! It is narrow banded, but man, the thing really  
works...and it was within a few KC's of my goal freq. I used some really  
cheap tv twinlead I had at home, and wasn't sure if it would do the job or  
not. It did. Now, for the interesting part....I didn't have any ferrite  
cores on which to wind a 6:1 balun...So, I improvised. I dug thru my junk  
box and came up with a 300 ohm to 75 ohm tv matching transformer and it hit  
me....hey, this is just a 4:1 balun. 75 ohms to 50 ohms is only a 1.5:1  
mismatch... I tried it, and it worked. I set the antenna up, and hooked it  
up to the receive antenna switch I built for my TS930. While listening to  
the guys on 3805, I switched back and forth between my apartment dipole  
brought to resonance by the ATU in the radio, and the DCTL. Signals on the  
DCTL were 1 to 3 s-units stronger than the dipole. I suppose this is  
because the DCTL is a resonant antenna and the dipole isn't. Either way, it  
works. I am going to set up a sked with a friend down the road and see if I



can use it with the Pixie. I need to rewind the tv transformer to a true 6:1 balun, but for now, I am pleased to report that it works. I would recommend this antenna to anyone that is looking for a cheap easy to build portable antenna. You can build it for any band you like, based on the formulas on Marty's website.

73 & GUD QRP!

Tim A. King, Jr.  
KG4MQD  
Safety Officer, Hobby Park R/C Aircraft Club  
Winston Salem, NC  
AMA# 578668

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."  
Albert Einstein (1879-1955)

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

-----  
Date: Wed, 31 Oct 2001 08:46:13 -0500  
From: "Lau, Zack, W1VT" <zlau@arrl.org>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [110107] Re: Symmetry? Reciprocity?  
Message-ID: <125490A005E3D3118C9C00805FC743CC027E3005@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Faraday rotation depends on the magnetic field, not the direction of propagation.

Thus, if a DX station transmits a +45 degree polarity signal which gets rotated by 45 degrees, guys with +90 degree polarity will hear well and guys with 0 degree polarity will wonder why they can't hear anything.

However, Faraday rotation adds another 45 degrees on the reverse path--guys with +90 degree polarity have +135 degree polarization signals at the DX station--cross polarized!

Now, if some lid with 0 degree polarity transmits (you really shouldn't call DX stations you can't hear), he will have a good signal at the DX station  $0+45=45$  degree polarity. Of course, since the lid cannot hear anything the DX station sends, no contact results.

Similarly, the non-reciprocity caused by trees on microwave paths is easily calculated.

$SNR_{degradation} = 10 \cdot \log(T_{new}/T_{old})$

$T_{new}$  is the sum of the noise temperature contributions of the new system

$T_{old}$  is the sum of the noise temperature contributions of the old system

Suppose you have a 50K receiver with 100K of background noise.  
Add in some trees to raise the background noise to 250 K.

SNR degradation is 3 dB. It should be obvious that the trees will not affect the receiver sensitivity 600 km away.

73--Zack Lau W1VT

BTW--when I operated from W3GM in the mid-80s we were so loud we didn't need to run illegal power.

-----  
Date: Wed, 31 Oct 2001 09:09:33 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <fxtech@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [110108] Re: I'm ba-aaack  
Message-ID: <010401c16216\$93aa5220\$6501a8c0@INSYDENT>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Some of the later HP calcs had both modes, RPN and algebraic.

(Darn, I can't spell that! Almost as bad as saying Advanced Leocowitz (I can't spell that either!) Notation with a 4 level stack and post-fixed operators!)

I'm still stuck in the RPN days, as once you learn it, it really is so much better. But some people just don't get the mindset.

Mike

----- Original Message -----

From: Trevor Jacobs <fxtech@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Tuesday, October 30, 2001 11:47 PM  
Subject: Re: I'm ba-aaack

>  
> ----- Original Message -----  
> From: stan mcintosh <mcintosh@triad.rr.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: Tuesday, October 30, 2001 9:15 PM  
> Subject: I'm ba-aaack  
> > (brother is working on software for HP, for those of us that  
understand  
> that  
> > true calc's don't have equals buttons).  
>  
> WHAT??? My HP has an = button! Never did get into RPN. ;-) Welcome  
back to  
> the List Stan!  
>  
> 72/73  
> Trev  
> KG6CYN  
>  
>

-----  
Date: Wed, 31 Oct 2001 09:32:31 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [110109] Re: 40M mobile antenna ideas... Was:NEQRP SSB NET tonight  
Message-ID: <017e01c16218\$e50a9e20\$6501a8c0@INSYDENT>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks for all the ideas on the 'vertical'.

I not sure yet what I may do, but all the ideas and suggestions that people have put forth have given me a new 'mindset' in how I'm going to attack the problem.

Right now, I think my first step is going to be just getting one of those big magnetic bases for whatever I decide to try on it.

Then I plan on seeing just how agile the K2 ATU is to really bad antennas!

Mike

-----  
Date: Wed, 31 Oct 2001 08:29:58 -0700  
From: "Rod N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>  
Subject: [110110] Digi modes  
Message-ID: <000501c16220\$e6bc2510\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

After some absence, I'm getting back to PSK31 and that has led to interest in other Digi modes. The notion of a software TNC for packet started sounding interesting. (If a sound card can do PSK why not other modes?).

So far I have found a program "mixw" that supports many modes and possibly "packet" via the sound card. And, I found an interesting piece of hardware from timewave: The PK-232/PSK it seems to have numerous digi modes, sound card rig isolation and DSP filtering. The PK-232/PSK has 100 and 200Hz DSP CW filters which may be useful with the K1 & K2.

Has anybody played with these items. What advice can you offer to

accelerate my learning curve.

I'm interested mainly in PSK31 and Packet at the moment.

73, Rod NØRC  
Ft Collins, CO

-----  
Date: Wed, 31 Oct 2001 10:30:49 US/Eastern  
From: n2cx@voicenet.com  
To: qrp-l@lehigh.edu  
Cc: njqrp@njqrp.org  
Subject: [110111] NJQRP Warblers/USPS  
Message-ID: <200110311537.f9VFbegp003186@rain.CC.Lehigh.EDU>

Gang,

We (NJQRP) has received some reports recently that their Warblers have been delayed in shipping. We do not have a firm handle on exact delays, but it seems that due to increased Post Office handling and extra security caused by their recent challenges might amount to as much as two week delivery times.

Some confirmation of this is the fact that my wife placed a mail order recently that was returned by the firm since they did not accept checks over two weeks old!

So please bear with us if you have recently sent in a Warbler order. We normally ship within several days to a week. But we cannot control things after that. Just think, though, isn't it a great feeling when you do get your new kit? I still get turned on by that!

Joe, N2CX and George, N2APB  
for the NJQRP  
Club

-----  
This message was sent using Voicenet WebMail.  
<http://www.voicenet.com/webmail/>  
-----

Date: Wed, 31 Oct 2001 10:40:07 -0500  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [110112] SSTV  
Message-ID: <20011031.104409.-226771.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Here is more INFO . . .

Day light hours too (1500Z) on 14230 and bring your 3D Glasses.

John  
N3AAZ  
FM 19 xa

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Wed, 31 Oct 2001 10:47:13 -0500 (EST)  
From: Stephan Greene <sgreene@patriot.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [110113] Not going - Re: Need App.Trail in Shennadoah park info  
Message-ID: <Pine.LNX.4.10.10110311045060.29327-1000000@tzion.greene.lan>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 26 Oct 2001, Stephan Greene wrote:

> I'm going to be on a hike with the my son's Scout troop early next month  
> and I'm considering bringing either the K1 or the 817 and an MP1 antenna

We just found out that there is a ban on backpacking stoves where we were  
planning on going. So no stoves = no hot food = unhappy scouts!

So much for taking a rig onto the AT. Looks like we'll be doing  
a hike on/near the C&O Canal instead. (So I lose the mountain  
view/altitude but it'll be MUCH flatter)

Steve

KA1LM

-----  
Stephan A. Greene      sgreene@patriot.net      ka1lm@amsat.org  
Herndon, VA            1-703-654-6032 office   1-571-233-1194 cell  
-----

-----  
Date: Wed, 31 Oct 2001 10:54:55 -0500  
From: W2AGN <w2agn@pobox.com>  
To: qrp-1@lehigh.edu, njqrp@njqrp.org, fpqrp-1@mpna.com  
Subject: [110114] QRP ARCI 160M Sprint  
Message-ID: <01103110545507.03698@njbirdman>  
Content-Type: text/plain;  
    charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

I had not seen any publicity on this. Just happened to notice it on the QRP ARCI page.

It will be  
2000-2400 LOCAL TIME December 5, 2001 160 m only.

Both (or either) CW and SSB.

This REALLY sounds like fun! I thought I would mention it now, while the weather is fairly nice, so folks can get out and put up those fuill size 160M loops, or 1/4 wave verticals, etc. Serioulsy, it doesn't take a huge antenna to have fun on "Top Band." I made LOTS of QSOS in past ARRL 160M contests with my little SW-160, and a 180' zepp. All of 1.5 watts!

For more info, see:

<http://personal.palouse.net/rfoltz/arci/top.htm>

Be looking for you all on 160M!

--  
-----  
    John L Sielke    W2AGN  
    w2agn@pobox.com  
    <http://www.qsl.net/w2agn>  
-----

Date: Wed, 31 Oct 2001 11:01:52 -0500

From: palmer\_t <ThomasPalmer@colliergov.net>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [110115] Fox: "Best" frequencies in the 40 meter novice bandspread  
Message-ID: <541334487458A745832D65D3AF0B7E716D62C0@cww1.bcc.colliergov.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Fox Hounds:

In your geographic area of the country,  
where is it "clearest" between 7.100 and 7.150 KHz?

Dan, N4ROA, a SUPER CW operator,  
opines, on a county-wide basis, 7.140 or thereabouts  
is "best."

Comments?

Tom, N1TP  
Naples, Florida

P.S. In SW Florida 7.110 KHz almost always sounds best.  
Apparently NOT the case elsewhere!

-----  
Date: Wed, 31 Oct 2001 10:06:46 -0600  
From: Dave Sjolín <sjolin@swbell.net>  
To: rod@n0rc.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [110116] Re: Digi modes  
Message-ID: <3BE02195.D00B613A@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

Rod N0RC wrote:

>  
> Folks,  
>  
> After some absence, I'm getting back to PSK31 and that has led to  
> interest in other Digi modes. The notion of a software TNC for packet  
> started sounding interesting. (If a sound card can do PSK why not  
> other modes?).  
>  
> So far I have found a program "mixw" that supports many modes and



> possibly "packet" via the sound card. And, I found an interesting  
> piece of hardware from timewave: The PK-232/PSK it seems to have  
> numerous digi modes, sound card rig isolation and DSP filtering. The  
> PK-232/PSK has 100 and 200Hz DSP CW filters which may be useful with  
> the K1 & K2.  
>  
> Has anybody played with these items. What advice can you offer to  
> accelerate my learning curve.  
>  
> I'm interested mainly in PSK31 and Packet at the moment.

Rod, there is a program called MMTTY that is available online for  
download. I believe it does rtty. Perhaps others.

<http://www.qsl.net/mmhamsoft/mmtty/index.html>  
<http://www.aintel.bi.edu.es/psk31.html>  
<http://www.qsl.net/wm2u/psk31.html>

If you are considering HF packet, I would suggest you try one of the  
other modes like pactor instead. HF packet is very efficient and takes  
forever to get anything done, particularly at qrp levels. Fifteen years  
ago when I tried with qro it was very very slow and few contacts were  
completed. Pactor on the other hand is low power mode and works better than  
rtty and amtor.

73 de Dave, N0IT

-----  
Date: Wed, 31 Oct 2001 04:49:57 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Trevor Jacobs <fxtech@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [110117] Re: My Ugly Mug on The WEB!!!  
Message-ID: <Pine.SUN.4.10.10110310436130.28381-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 31 Oct 2001, Trevor Jacobs wrote:  
> I don't remember how that got started, but it  
> may have been to do with Dave's Gates BC1-T.

Oooh, does that bring back memories. When I got my first phone FCC,  
the first radio station I worked at was KPUB 1480 kc. (yes, it was  
kc, not kHz in those days) in Pueblo, CO. A 2-tower directional  
system using the Gates BC1-T transmitter. A nice looking piece of  
gear for its day. I remember signing the station on by going down

the line and hitting those rocker switches in succession ... OSC  
POWER, MODULATOR POWER and finally TRANSMITTER POWER. Then, whoomp,  
the sound of 60Hz filled your ears and a big red spot formed on the  
plates of those Eimac tubes. Neat.

Didn't see a photo of it though on your web site :-(  
Jay Bromley W5JAY has/had a BC1-T sitting in his garage last time  
I visited him. Gotta be a dynamite transmitter for 160M with a  
little bit of work -hi.

Nice, interesting website though.

72, Paul NA5N

-----  
Date: Wed, 31 Oct 2001 09:17:14 -0700  
From: "Rod N0RC" <rod@n0rc.com>  
To: <sjolin@swbell.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [110118] Re: Digi modes  
Message-ID: <002d01c16227\$81209f90\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

TNX Dave,

----- Original Message -----  
From: "Dave Sjolín" <sjolin@swbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, October 31, 2001 9:06 AM  
Subject: Re: Digi modes

...

> Rod, there is a program called MMTTY that is available online for  
I've heard of this but haven't bothered to study it, perhaps I should.

> If you are considering HF packet, I would suggest you try one of the  
Not considering HF packet, I'll use PSK31 there at least for now. I'd

like to try VHF packet, with my HT and a "computer generated TNC".

I may give PACTOR a try as you suggest.

Thanks for the tips!

73, Rod NØRC  
Ft Collins, CO

-----  
Date: Wed, 31 Oct 2001 11:16:53 -0500  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [110119] Digi Modes AND QRPp  
Message-ID: <20011031.111755.-226771.1.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

>>Subject: Digi modes  
>>  
>>Has anybody played with these items. What advice can you offer to  
>>accelerate my learning curve.

Yes, RE . . . PACKET via sound card. . .

Goto <http://www.qsl.net/soundcardpacket> and  
get the .pdf Sound Card Packet file by KC2RLM.  
This is an OUTSTANDING COOKBOOK how to using  
WinAPRS and the AGWPE packer engine.  
The 'learning curve is very short.  
Follow his advice on 'what order' to bring up each software application  
and when to define the ports (via software) and your off and running.

Note too . . . the ISS should have a new packet modem on line by now.

RE other digi modes, \*mmhamsoft\* does an OUTSTANDING ! ! !  
<http://www.qsl.net/mmhamsoft/> withs several digi modes.

If you want to try digi SWL and - or QRSs / QRPppp \*STUFF\* goto  
<http://www.weaksignals.com/>  
and then click on QRSS / DFCW and then first download AND USE the ARGO  
file  
\* it W O R K S \* the first time then after you get the feel for this  
\*STUFF\*

download "spectr\_i" (V1.65B7) by DL4YHF ((it has a steep learning curve)) BUT is  
C O M P E T E L Y programmable from several standpoints  
different filters and a bunch of rates and modes PLUS flexible 'BLOCK  
DIAGRAM'  
WW OO WW !!!

O U T S T A N D I N G and it is only in the BETA stage.

John  
N3AAZ  
FM 19 xa

John  
N3AAZ  
FM 19 xa

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/web/>.

-----  
Date: Wed, 31 Oct 2001 10:34:03 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: iflyos@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [110120] Re: DCTL's and apartments  
Message-ID: <3BE027FB.4340223C@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

That's amazing, Tim!

That TV balun is wound with very small wire on very small cores for  
frequencies above 50 Mhz or so. I am very surprised that it worked at all  
as a true balun on 80 meters.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Tim A. King Jr." wrote:

Now, for the interesting part....I didn't have any ferrite  
> cores on which to wind a 6:1 balun...So, I improvised. I dug thru my junk  
> box and came up with a 300 ohm to 75 ohm tv matching transformer and it hit  
> me....hey, this is just a 4:1 balun.

-----  
Date: Wed, 31 Oct 2001 11:09:52 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: ThomasPalmer@colliergov.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [110121] Re: Fox: "Best" frequencies in the 40 meter novice bandspread  
Message-ID: <3BE03060.1E2F937F@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

In almost every case, the Hunts held in the vicinity of 7.110 - 7.150 have bordered on a disaster at this QTH in North Texas. The SWBC QRM is overwhelming, although there are a few very narrow spots that are usable from time to time. But, I must wonder how well less-sophisticated QRP gear and less-experienced operators can function in that frequency range in the evenings.

I got lucky last night and nailed Tom before things started getting rough, but even with his monster signal - compared to many Foxii on 40 - the going soon became very difficult for both Tom and the Hounds.

For an ongoing area for future Cub Hunts, I would have to vote for the 7030-7050 range, just as with the regular Hunts.

I can appreciate the desire to populate the other frequency range, but I think that we are just making life more difficult on ourselves while making an otherwise empty gesture at occupying frequencies now seldom used by amateurs. If we were all running full legal power with super antennas, we might be noticeable and have some impact, but as it is we are so lost in the noise level as to be transparent to anyone casually listening.

I greatly appreciate the opportunity to participate in the Cub Hunts and wish all the Cub Foxii well. But, it seems to me that we are unnecessarily handicapping them and possibly discouraging new Hounds by forcing them to operate under very difficult band conditions.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

palmer\_t wrote:

>  
> Fox Hounds:  
>  
> In your geographic area of the country,  
> where is it "clearest" between 7.100 and 7.150 KHz?  
>  
> Dan, N4ROA, a SUPER CW operator,  
> opines, on a county-wide basis, 7.140 or thereabouts  
> is "best."  
>  
> Comments?  
>  
> Tom, N1TP  
> Naples, Florida  
>  
> P.S. In SW Florida 7.110 KHz almost always sounds best.  
> Apparently NOT the case elsewhere!  
>

-----  
Date: Wed, 31 Oct 2001 12:28:30 -0500  
From: "Kwik, Ed " <ed.kwik@delphiauto.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [110122] RE: Sweepstakes QRP hangouts  
Message-ID:  
<9F176F70FD71AC48AFC36F879D2B84E38F3603@tryexch01.NorthAmerica.DelphiAuto.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I plan on doing most of my SS op late Saturday night. I have had good success on 80 meters. With lots of room, it is an easy to do QRP pouncing up and down the band. No, you will not get a clean sweep on 80, but It sure is easy pickins.

Ed AB8DF

-----Original Message-----  
From: Larry Cahoon [mailto:lejek@erols.com]  
Sent: Tuesday, October 30, 2001 4:29 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Sweepstakes QRP hangouts

Don't overlook the lower freq. I sat on something around 7.035 and around

3.535 for at least a couple of hours both of the last two years without any serious challenges for the frequency. That has been a lot harder to do on the higher bands - I figure the lack of a beam hurts me there. You will also get a lot more QSOs down there - some guys just can't seem to get above 070 or so.....

73 de Larry.....WD3P in MD

At 02:27 PM 10/30/2001 -0600, Jim N0UR wrote:

>I am looking forward to another SS weekend, I even sighed up to be a qrp  
>"bull" again.

>

>My experience has been that the normal QRP frequencies and going to be much  
>to busy to hang out on, so I plan on CQing higher up the bands. Keep a ear  
>on .080, 28.080, 21.080, 14.080, 7,080 and 3.580. Maybe others can swing  
up

>there (Chuck, please give me WY) and take a listen for me and other QRP  
>stations. I plan on "trying" single op/two radios, S/P with one while  
CQing

>on a .080 of a band.

>

>Good luck to all who brave this contest.

>

>72s

>Jim N0ur

-----

Date: Wed, 31 Oct 2001 09:54:04 -0800

From: Russ Carpenter <russ@natworld.com>

To: QRP-L List <qrp-l@lehigh.edu>

Subject: [110123] The ARS Sojourner is a Happy Camper

Message-ID: <B8057A7E.9942%russ@natworld.com>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Adventure Radio Society is pleased to report that our travails with the Sojourner website appear to be over. During the past four weeks, we've dealt with two unexpected changes in ISPs. All we can say is that our experiences with Earthlink and Network Solutions have been astonishing. We are delighted to be back in the hands of a local ISP, where they speak English and provide good service.

We apologize to those who have messed with the ARS Sojourner's cranky website during the past month. Please let us know if there are still any bugs therein.

Russ Carpenter, AA7QU  
Alleged webmaster for Adventure Radio Society

-----  
Date: Wed, 31 Oct 2001 12:59:29 -0500  
From: "Ed Tanton" <n4xy@att.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Cc: "CW Reflector" <cw@qth.net>  
Subject: [110124] OT: Check out browser...  
Message-ID: <02b701c16235\$ca62b5e0\$c6fa5b0c@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

If you're looking for an alternative to Internet Explorer, check out Opera. It's been around in various iterations for years, having started (I believe) as a LINUX browser. I looked at it (for WIN) several years ago, and was not impressed. But the other day I took another look at the latest WINDOWS version and it's a winner. Faster, better arranged, etc. I LOVE the way it handles your "FAVORITES" hierarchy. And it's free-you can register for \$40 and get rid of the small ads in the upper right corner. See it at: <<http://www.opera.com>> .

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Wed, 31 Oct 2001 18:08:04 +0000  
From: Garie Halstead <k8kfj@ntelos.net>  
To: ThomasPalmer@colliergov.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>



Subject: [110125] Re: Fox: "Best" frequencies in the 40 meter novice bandspread  
Message-ID: <3BDFF7B4.2AD5FBCF@ntelos.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On Wednesday, 31 October 2001, N1TP wrote:

> In your geographic area of the country,  
> where is it "clearest" between 7.100 and 7.150 KHz?

Sometime ago, Karl (K5DI) asked different QRPer's to check that portion of the band and report to him from their respective QTHs their results with regard to QRM vs clear frequencies. They were to check the band during the same time frame as the Cub hunts. I sent him one report and he acknowledged advising of a couple of freqs where we differed significantly (which one would expect).

I don't know how much feedback he received with regard to his request. Let's ask him as he may have compiled some good info.

P.S. Thanks for the Q last nite...great job.

72 //Gary \*K8KFJ\*

-----  
Date: Wed, 31 Oct 2001 10:15:42 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [110126] Jay Bromley's secret is out  
Message-ID: <019601c16238\$103e6620\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, I do have to verify what Paul said about Jay having this huge broadcast transmitter in his garage. Jim Duffey and Dave Gauding saw it too. Jay won Delta Division, QRP, Sweepstakes, and the plaque is a literal shrine on his wall, spotlights pointing to it and everything. Rumor in Ft. Smith has it that the Gates had something to do with his winning qrp ss. Now that he is married, I wonder if his new wife allowed him to move the "shrine" to the new house??? Anyway, when you work JayBob, you will want to ask him what "rig" he is using, "wink". 72, doug

-----  
Date: Wed, 31 Oct 2001 11:35:31 -0700  
From: "Rod N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,  
"Elecraft-list" <elecraft@qth.net>  
Subject: [110127] Re: Digi modes  
Message-ID: <002e01c1623a\$d2bf1d50\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, October 31, 2001 8:29 AM  
Subject: Digi modes

...

> numerous digi modes, sound card rig isolation and DSP filtering. The  
> PK-232/PSK has 100 and 200Hz DSP CW filters which may be useful with  
> the K1 & K2.  
>

PK-232/PSK \$500!!! OUCH! After studying it a bit (as well as the  
Kantronics XM-L & KAM-98, \$300 and \$400 respectively) VS various  
soundcard software offerings; it seems to me programs like mixw, MMTTY  
and DSP Filter (same author as MMTTY) are the way to go. I think I'll  
add better isolation between my rig(s) and Computer and start  
experimenting with the software solutions. mixw and DSP Filter,  
currently I'm using Digipan 1.6 for DSP.

As for an isolator I'm looking hard at Tigertronics offering:  
"SignalLink" The cool thing about it may be the internal VOX for  
control of the radio PTT. No serial line to the computer needed. Has  
anybody used the "SignalLink"? Does it work well? Worth the \$50?

What am I doing this weekend for SS? Nothing, if the weather is nice  
I'll be out on my bike, otherwise look for me on the WARC bands PSK31  
&/or CW.

73, Rod N0RC  
Ft Collins, CO

-----  
Date: Wed, 31 Oct 2001 13:17:18 -0600  
From: Dave Sjolin <sjolin@swbell.net>  
To: w5yr@att.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [110128] Re: Fox: "Best" frequencies in the 40 meter novice bandspread  
Message-ID: <3BE04E3E.7AADA275@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7BIT

"George, W5YR" wrote:

> For an ongoing area for future Cub Hunts, I would have to vote for the  
> 7030-7050 range, just as with the regular Hunts.  
>  
> I can appreciate the desire to populate the other frequency range, but I  
> think that we are just making life more difficult on ourselves while  
making  
> an otherwise empty gesture at occupying frequencies now seldom used by  
> amateurs.

I agree George. Trying to find a space in the Old Novice band that is clear for those in both the west and east is virtually impossible.

I doubt there are many novices currently participating in the Cub Hunts. If there are though, i think there are other ways we could deal with that. As a fox, I would be willing to qsy to a Novice frequency for a few minutes each half hour during the hunt or if we wanted to make it real challenging, the fox could listen both in the 7040 and 7140 range. That way everyone would have a chance.

If Im going to call CQ for two hours, I would prefer to do it on a frequency where stations have a chance to hear me. There is nothing worse than getting all psyched up over the hunt and then have no one calling after the first few minutes because no one can hear you thru the qrm. It doesnt make for happy hounds either.

Well thats my 2 cents worth.  
73 de Dave, N0IT

-----  
Date: Wed, 31 Oct 2001 13:16:48 -0600  
From: Jim Glover <psykey@okcforum.org>  
To: qrp-1@Lehigh.EDU

Cc: flesnick@tbaytel.net, crmabbott@mediaone.net  
Subject: [110129] Re: OPERATING IN CANADA  
Message-ID: <200110311916.f9VJGmN20146@okcforum.org>

> Correct me if I am wrong, but even though you are in Canadian  
> soil, you still are not to operate on that frequency, just as we are if  
> we are mobile from the U.S..

No, actually, when you're operating on foreign soil, you operate according to the rules and regulations that apply where you're operating.

73,  
Jim WB5UDE

-----  
Date: Wed, 31 Oct 2001 12:20:44 -0700  
From: "mike" <mgolini@home.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [110130] FS: Tektronics Scope ,BK Function Gen, and MFJ-9041 Tuner  
Message-ID: <001301c16241\$232afa60\$6401a8c0@Golini.chnd1.az.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tektronics TDS-250 two channel analog scope covers up to 50 MHz. Comes with 2 10X probes, manual. Bought less than 1 year in original packing. Perfect working order. I have not had the chance to utilize it and it is just sitting on shelf in shack.  
Asking \$300 + shipping.

BK Precision Function Generator - bought off of ebay. Again, in good working order.  
Asking \$100 (includes shipping)

MFJ-9041 Antenna tuner - \$75

Need to sell to get another transciever (hey, if you want to trade a K1 for all the above, I willing to talk).

72/73  
Michael J. Golini  
K1SLT@ARRL.NET

-----  
Date: Wed, 31 Oct 2001 14:27:08 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: rod@n0rc.com, qrp-1@lehigh.edu  
Subject: [110131] Re: Digi modes  
Message-ID: <3BE0508C.67DA6738@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rod,

If the design of the PK232 is anything like the original it includes a complete computer and firmware. This is why it is so expensive! I have an original AEA PK232 in a storage closet!

You already have a computer, with software that will run the digi modes readily available. All you need is a sound card and the knowledge to set it up (not an easy thing from here). I don't think there is much old style packet around, mostly folks went to Amtor and Pactor.

73

-----  
Date: Wed, 31 Oct 2001 11:33:32 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: Rod N0RC <rod@n0rc.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Elecraft-list <elecraft@qth.net>  
Subject: [110132] Re: [Elecraft] Re: Digi modes  
Message-ID: <3BE0520C.62A6B5D2@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rod N0RC wrote:

> it seems to me programs like mixw, MMTTY  
> and DSP Filter (same author as MMTTY) are the way to go.

Indeed. I've got a KAM+ and it has not seen power for a couple of years. The software solutions out there are just "too" good!

73, Phil

-----  
Date: Wed, 31 Oct 2001 14:38:04 -0500  
From: Ken Newman <N2CQ@dandy.net>  
To: epaqrp-1@Lehigh.EDU, QRP-L@Lehigh.EDU, njqrp@njqrp.org,  
n9avg@amsat.org  
Subject: [110133] [CONTEST]QRP Contest Calendar - Nov 2001  
Message-ID: <3.0.6.32.20011031143804.007ecc60@mail.dandy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR  
November 2001  
~~~~~

40 METER FOXHUNTS

Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.  
Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.  
Info: <http://www.qsl.net/k5di/fox/>

Truffle Hunt - Thursdays - 30 min before Fox Hunt  
Info: [http://fpqrp.com/pig\\_hunt.html](http://fpqrp.com/pig_hunt.html)

~~~~~  
HA-QRP Contest (CW - 80 Meters) \*\*\* QRP Contest\*\*\*

Nov 1 - 0000z to Nov 7 - 2400z

Rules: <http://www.sk3bg.se/contest/haqrp.htm>

~~~~~  
Ukrainian DX Contest (CW/SSB/Dig) ... QRP Category

Nov 3 - 1200z to Nov 4 - 1200z

Rules: <http://www.qsl.net/ucc/>

~~~~~  
ARRL Sweepstakes (CW) ... QRP Category

Nov 3 - 2100z to Nov 5 - 0300z

Rules: <http://www.arrl.org/contests/announcements/rules-novss.html>  
~~~~~

Running of the QRP Bulls (CW) \*\*\*QRP CONTEST\*\*\*

Nov 3 - 2100z to Nov 5 - 0300z

(Concurrently with the ARRL November Sweepstakes)

Rules: <http://personal.palouse.net/rfoltz/arci/bulls.htm>  
~~~~~

High Speed Club Contest (CW) ... QRP Category

Nov 4 - 0900z to 1100z and 1500z to 1700z

Rules: <http://www.morsecode.dutch.nl/hsc.html>  
~~~~~

Adventure Radio Society - Spartan Sprint (CW) \*\*\* QRP Contest\*\*\*

Nov 6 - 0200z to 0400z (Monday Evening US/Can Time)

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)  
~~~~~

Japan International DX Contest (phone)

Nov 9 - 2300z to Nov 11 - 2300z

Rules: <http://jzap.com/je1cka/jidx/jidxrule-e.html>  
~~~~~

WAE RTTY Contest (Digital)

Nov 10 - 0000z to Nov 11 - 2400z

Rules: <http://server.darc.de/referate/dx/xedcwr.htm>

~~~~~  
OK/OM DX Contest (CW) ... QRP Category!

Nov 10 - 1200z to Nov 11 - 1200z

Rules: <http://crk.mlp.cz/ENG/DXCONTE.HTM>  
~~~~~

LZ DX CONTEST (CW) (Bulgarian Federation of Radio Amateurs)

Nov 17 - 1200z to Nov 18 - 1200z

Rules: <http://www.qsl.net/lz1fw/contest/>  
~~~~~

ARRL Sweepstakes (Phone) ... QRP Category

Nov 17 - 2100z to Nov 19 - 0300z

Rules: <http://www.arrl.org/contests/announcements/rules-novss.html>  
~~~~~

HOT Party (CW) ... QRP Category

Nov 18 - 1300z to 1500z (40 Meters)

Nov 18 - 1500z to 1700z (80 Meters)

(HOMEBREW & OLDTIME - EQUIPMENT - PARTY)

Rules: <http://www.sk3bg.se/contest/hotp.htm>  
~~~~~

CQ World Wide DX Contest (CW) ... QRP Category!

Nov 24 - 0000z to Nov 25 - 2400z

Rules: <http://cqww.com/2001rules.htm>  
~~~~~

Thanks to WA7BNM, K3WWP, SM3CER, ARRL and others  
for assistance in compiling this calendar.



Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de                                   \*\*\*\* QRP Contest Calendar \*\*\*\*  
Ken Newman - N2CQ                   <http://www.njqrp.org/data/contesting.html>  
N2CQ@ARRL.NET                       <http://www.n3epa.org/Pages/Contest/contest.htm>  
                                     <http://www.qsl.net/cqrp/contests.html>

-----  
Date: Wed, 31 Oct 2001 15:42:50 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: myetsko@insydesw.com  
Cc: qrp-l@lehigh.edu  
Subject: [110134] Re: RPN (was, I'm ba-aaack)  
Message-ID: <200110312012.f9VKCBs31298@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

> I'm still stuck in the RPN days, as once you learn it, it really is so  
> much better. But some people just don't get the mindset.

>  
Yeap, "normal" calculators and adding machines drive me nuts! I keep  
forgetting to push the = button and have to start all over again! I  
learned RPN on a HP21- significantly better quality than the TI  
calculators common at that time.(still got it, but needs new ni-cads)  
Now I use a HP-11C for all my number crunching. Long live RPN and the  
four layer stack!

72,  
Steve, KD1JV in the White Mountains of New Hampshire  
"Melt Solder"  
<http://www.qsl.net/kd1jv/index.html>

-----  
Date: Wed, 31 Oct 2001 15:42:51 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [110135] It Works!  
Message-ID: <200110312012.f9VKAs31291@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Made my very first 10M CW contact ever, earlier this morning with a LZ2. Used my old Drake 2B and a new HB 10M, VFO tuned QRPP transmitter I just built, putting out about 1 watt to a A99 vertical. You might hear more about this transmitter in the near future, but for now, all I can say is, IT WORKS!

72,

Steve, KD1JV in the White Mountains of New Hampshire

"Melt Solder"

<http://www.qsl.net/kd1jv/index.html>

-----  
Date: Wed, 31 Oct 2001 13:25:50 -0700  
From: "Rod N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Elecraft-list" <elecraft@qth.net>, <ncarc@qth.net>  
Subject: [110136] Digi modes  
Message-ID: <000d01c1624a\$3c1278b0\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Folks,

If you are interested in Digi modes check out the Power Point presentation on West Mountain Radio's site (maker of the Rig Blaster). <http://www.westmountainradio.com/index.html> the presentation link is in the lower right.

Also check out their Rig interface comparison table, useful info at: <http://www.westmountainradio.com/products.htm>

And don't forget you can make your own Soundcard/Radio interface with a handful of parts: some wire, a couple of resistors, general purpose switching transistor, an Altoids tin maybe ;-)...etc. See the help files in Digipan for details. The same info is available on the web at: <http://www.qsl.net/wm2u/interface.html>

73, Rod N0RC  
Ft Collins, CO

-----

Date: Wed, 31 Oct 2001 20:32:16 +0000  
From: Dragon Singer <WM-Scace@wiu.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [110137] e-QSL  
Message-ID: <5.1.0.14.0.20011031203100.02b8f8b0@pop3.wiu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,  
Wayne K9DI es Sequoia here. Just wanted to let you know that I've  
just registered with e-QSL today es look forward to working U in the future  
73/72 es M00/00

Respectfully and Sincerely Yours,

Wayne M. Scace

k9di@arrl.net  
LICQ# 315313  
FISTS# 4409  
QRP-L# 2313  
FPQRP-L# 217  
SOC# 452  
ARS # 1,082  
Zombie # 800

-----  
Date: Wed, 31 Oct 2001 16:10:42 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'w4qo@amsat.org'" <w4qo@amsat.org>, qrp-l list <qrp-l@lehigh.edu>,  
qrp@qth.net  
Cc: NoGaQRP Club <nogaqrp@qth.net>, fpqrp <fpqrp-l@mpna.com>,  
qrparci@topica.com, QRP Action Team <qrpat@topica.com>  
Subject: [110138] RE: [CLUB] Running of the Bulls - WE NEED MORE BULL!  
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3A82@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Let me sweeten the pot a bit like I did last year.

I will provide a 2001 ARRL Handbook for the winning Bull and the winning  
Matador. If you already have a Handbook, I can probably be talked into an  
Antenna Book instead.

I agree with Jim. 15 hours of operating time is a goal, but not at all a necessity. What IS needed is significant time spent calling CQ, so that other QRPer can work you.

And, as always, please send in your QRP SS logs to ARRL, even if you only make a few contacts. Last year, the Q class had more entries than the B class, so we beat the big guns at something. I think that if every QRPer who plays sent in a log, we might even beat them in total points! (Hah!) If you only make a few contacts, you can send in a paper log, but paper logs need to be handwritten or typed on an old "mill" typewriter. If a computer document, the League wants them in ascii in "Cabrillo" format. Hey, I know, this is a bummer for a few folks, but it really does help the League to do a more thorough job at log checking, so let's bear with it.

Look for me Sunday afternoon on 40 meters and 20 meters. Last year, I was actually holding frequencies on 40 meters for 15 minutes at a time. :-) I will try to get on some Saturday, but I gotta' put a new transmission in the Deathmobile, so may not have a lot of time to operate.

73,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Jim Stafford [mailto:w4qo@amsat.org]

> Sent: Tuesday, October 30, 2001 11:42 AM

> To: qrp-l list; qrp@qth.net

> Cc: NoGaQRP Club; fpqrp; qrparci@topica.com; QRP Action Team

> Subject: [CLUB] Running of the Bulls - WE NEED MORE BULL!

>

>

> Folks, For complete QRP Bull info:

> <http://personal.palouse.net/rfoltz/arci/bulls.htm>

>

> I know the info went out late but QRPer's respond fast! We

> have only 15

> bulls for this weekend's Sweepstakes contest. We have suggested that

> you need to operate quite a few hours to be a "bull" Let's just drop

> that idea - doesn't make sense really. We know you will

> operate all you

> can if you get on. For example, K7Q0 is a bull from - get this -

> WYOMING! Your chance to snag this state during the contest  
> and for QRP  
> WAS.  
>  
> So let's just say if you plan to get on and you would like to be a  
> "bull" go ahead and sign up for your state/section. YES, we can have  
> more than one bull from a state or section. Looks like the WNY boys -  
> Bill, Al, and Richard will have some fun to see who has the  
> most "bull"  
> or should I have phrased that differently?  
>  
> So go to: <http://personal.palouse.net/rfoltz/arci/bullst.htm> and check  
> out the current list. Decide you WILL get on this weekend and sign up  
> as a bull. Let's not have any NO BULL SECTIONS this year!!!  
>  
> For info on the QRP ARCI WAS QRP Award:  
> <http://www.qrparci.org/arciawds.html>  
>  
> Need a WAS check list: <http://www.qrparci.org/WAScheck.html>  
>  
> Can't be a bull? Be a matador - what's that? Just get on,  
> work one or  
> more stations during SS and SEND IN A LOG! That's it. Great  
> prizes for  
> top contenders.  
>  
> WE NEED MORE BULL IN QRP!!! Perhaps Nils can help!!  
>  
> Jim Stafford  
> W4QO  
> President QRP ARCI  
> mailto: [jim@w4qo.com](mailto:jim@w4qo.com)  
>  
>

-----  
Date: Wed, 31 Oct 2001 14:14:08 -0700 (MST)  
From: "Karl F. Larsen" <[k5di@zianet.com](mailto:k5di@zianet.com)>  
To: <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [110139] FOX: Best Fox Bands  
Message-ID: <[Pine.LNX.4.33.0110311355130.8132-100000@cannac.fun](mailto:Pine.LNX.4.33.0110311355130.8132-100000@cannac.fun)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

For the Cub Fox Hunts it is decreed they shall occur in the Novice  
Sub-bands. This is not too bad except for one thing: A Broadcast Band

starts at 7.1000 MHz and goes up beyond 7.30000 MHz. Also there are Mexican QRO SSB stations that are illegal, but nothing can be done.

So the good part is we have  $7.150 - 7.100 = 50$  KHz of band to work with. The bad part is that at least 8 Broadcast Stations (BC) use this band too, starting at 7.100 MHz. They are of various power but they are sure strong somewhere in the USA or Canada.

This means if a Fox listens from his home and finds a place in the band free of BC signal, there may be other areas where the Fox can't be heard because of BC interference.

Last year we found that working between a BC on 7.140 and one on 7.145 MHz was pretty good most evenings. You can't spread out much, but that is a small price to pay if you can hear!

So lets all give a listen to 7.142 for a few nights and see if it stays clear of BC interference from 0200 to 0400 UTC. I will be checking from here on the Mexican boarder.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Wed, 31 Oct 2001 16:13:26 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [110140] RE: 40m got you bummed out?  
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3A83@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Yes, I, too, got a bit bummed out with all the phone signals near 7040 kHz this past weekend, but I look at it the same way I see downtown on the day of the parade. Once in a while, life seems full of people doing a different thing than I do. Once in a while, I can live with it and find something else to do. Some even fired up /QRP SSB and added a few new countries to their DXCC.

Speaking of DXCC, wait until the December issue hits your mailbox.... oops, I have said too much... :-)

73,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: Bill Allen [mailto:wallen@our-town.com]  
> Sent: Monday, October 29, 2001 11:21 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: 40m got you bummed out?  
>  
>  
> Hey Gang,  
>  
> Bummed out with what you perceive as interference on 40m? It will be  
> interesting to see how a future rework of 40m on an  
> international basis  
> changes all of this. As for me, I am just thankful to be a  
> Region 2 guy,  
> we have loads more room to legally operate on 40m than the 1  
> & 3 folks!  
> Also, a contest does not ruin a weekend for me. While I am  
> not an avid  
> contester, it does bring some stations out of the woodwork  
> and I get to work  
> them, because they want to work me. Also, there are other  
> bands, such as  
> 30m (which is an excellent band for CW ops!). Also, I have  
> been lately  
> trying other bands, such as 17m. 17m is often very good and  
> very open.  
> Very similar characteristics to 20m and often stays open  
> nearly as long. In  
> fact, as far as stateside work is considered, I hear W1AW (I  
> am in Texas),  
> nearly best on 17m at times. What I am trying to say is that  
> if 40m has you  
> bummed out, try out some of our other bands. They can be  
> lots of fun too!  
> :-))  
>  
> 72

> WA5PB  
> Bill Allen  
>  
>  
>  
> 72  
> WA5PB  
> Bill Allen  
>  
>  
>  
>

-----  
Date: Wed, 31 Oct 2001 13:18:33 -0800  
From: Mike Gipe <mgipe@reliablemeters.com>  
To: kd1jv@moose.ncia.net,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [110141] RE: RPN (was, I'm ba-aaack)  
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A964BB89@mission>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Amen.

> -----Original Message-----  
> From: Steven Weber [mailto:kd1jv@moose.ncia.net]  
  
... Long live RPN and the  
> four layer stack!  
>  
> 72,  
> Steve, KD1JV in the White Mountains of New Hampshire

-----  
Date: Wed, 31 Oct 2001 15:23:18 -0600  
From: "Jay Bromley" <w5jay@alltel.net>  
To: <qrp-1@Lehigh.EDU>  
Cc: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>,  
"Graham Firth" <graham@g3mfj.fsnet.co.uk>,  
Subject: [110142] Re: Jay Bromley's secret is out  
Message-ID: <007c01c16252\$47bd1960\$139b66a6@alltel.net>  
MIME-Version: 1.0



Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ahhhhh yes,

I though something was up. Yep, I must confess that I have a multi-band Gates BC-1T that is still tuned to 1410 Kc. I am good for a QSL if you worked me there in the dummy load. I am going to have Wayne Burdick come out to ArkieCon this spring and while he is here see if he can make the Gates more power friendly.

I need to monitor QRP-L more now that Big Daddy Doug is feeling so good!

73 de w5jay..

P.S. A thousand lashes for my past QRO fetishes!!!

-----  
Date: Wed, 31 Oct 2001 16:26:54 -0500  
From: "Tim A. King Jr." <iflyos@hotmail.com>  
To: w1rfi@arrl.org  
Cc: qrp-l@Lehigh.EDU  
Subject: [110143] RE: [CLUB] Running of the Bulls - WE NEED MORE BULL!  
Message-ID: <F247GRbgv3KBIP69viM00006065@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Ed Hare wrote:

Look for me Sunday afternoon on 40 meters and 20 meters. Last year, I was actually holding frequencies on 40 meters for 15 minutes at a time. :-) I will try to get on some Saturday, but I gotta' put a new transmission in the Deathmobile, so may not have a lot of time to operate.

Ed,

Just dont mess up the fine groundplane you have!!!

73,

Tim A. King, Jr.  
KG4MQD  
Safety Officer, Hobby Park R/C Aircraft Club  
Winston Salem, NC

AMA# 578668

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."

Albert Einstein (1879-1955)

-----  
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-----  
Date: Wed, 31 Oct 2001 16:29:32 -0500 (EST)  
From: <igeq100@iupui.edu>  
To: Mike Gipe <mgipe@reliablemeters.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [110144] RE: RPN (was, I'm ba-aaack)  
Message-ID: <Pine.GS0.3.96.1011031162819.26518D-100000@jade.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I second the Amen! I have an RPN HP collection going back many years, and the more recent ones are in daily use.

Rich, WB9LPU

-----  
Date: Wed, 31 Oct 2001 14:32:00 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [110145] Sched Tonight  
Message-ID: <Pine.LNX.4.33.0110311423440.8179-100000@cannac.fun>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

At 0100 UTC about, 6pm MST I k5di will be calling wf5a/4 who is 2 blocks from the White House in Washington, DC in an old hotel. He will have his MP-1 antenna set up to favor West. We will be on 14.060 about and will both be using the classic CW QRP rig, the Yaesu FT-817.

He may be a bit late. He is landing at Dulles AP and renting a car to drive to his hotel. Having driven that area called the beltway, and also the sherrly hiway (sp) that drops right down to the river bridge, it's a crummy place to drive.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.qsl.net/k5di/>

-----  
Date: Wed, 31 Oct 2001 16:46:48 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'Tim A. King Jr.'" <iflyos@hotmail.com>  
Cc: qrp-1@Lehigh.EDU  
Subject: [110146] RE: [CLUB] Running of the Bulls - WE NEED MORE BULL!  
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3A85@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

You may have missed my earlier post that the Deathmobile is not a good ground plane because of all the non-linear junctions (translate: rust). :-)

73,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: Tim A. King Jr. [mailto:[iflyos@hotmail.com](mailto:iflyos@hotmail.com)]  
> Sent: Wednesday, October 31, 2001 4:27 PM  
> To: w1rfi@arrl.org  
> Cc: qrp-1@Lehigh.EDU  
> Subject: RE: [CLUB] Running of the Bulls - WE NEED MORE BULL!  
>  
>  
> Ed Hare wrote:

>  
> Look for me Sunday afternoon on 40 meters and 20 meters.  
> Last year, I was  
> actually holding frequencies on 40 meters for 15 minutes at a  
> time. :-) I  
> will try to get on some Saturday, but I gotta' put a new  
> transmission in the  
> Deathmobile, so may not have a lot of time to operate.  
>  
>  
> Ed,  
> Just dont mess up the fine groundplane you have!!!  
>  
> 73,  
>  
> Tim A. King, Jr.  
> KG4MQD  
> Safety Officer, Hobby Park R/C Aircraft Club  
> Winston Salem, NC  
> AMA# 578668  
>  
> Albert Einstein, when asked to describe radio, replied:  
>  
> "You see, wire telegraph is a kind of a very, very long cat.  
> You pull his  
> tail in New York and his head is meowing in Los Angeles. Do  
> you understand  
> this? And radio operates exactly the same way: you send  
> signals here, they  
> receive them there. The only difference is that there is no  
> cat."  
> Albert Einstein (1879-1955)  
>  
>  
>  
-----  
> Get your FREE download of MSN Explorer at  
> <http://explorer.msn.com/intl.asp>  
>

-----  
Date: Wed, 31 Oct 2001 21:49:33 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [110147] Re: RPN (was, I'm ba-aaack)  
Message-ID: <F126A53ZpEVmkWFBXZG0001b86a@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

> > I'm still stuck in the RPN days, as once you learn it, it really is so  
> > much better. But some people just don't get the mindset.  
> >  
> Yeap, "normal" calculators and adding machines drive me nuts! I keep  
> forgetting to push the = button and have to start all over again! I  
> learned RPN on a HP21- significantly better quality than the TI  
> calculators common at that time.(still got it, but needs new ni-cads)  
> Now I use a HP-11C for all my number crunching. Long live RPN and the  
> four layer stack!

My first calculator was a Sinclair Scientific, which used RPN. I then got an HP21, followed by an HP41C. One of the batteries burst, the insides turned green and it stopped working. I now have a couple of RPN calculators for my Palm IIIx: one for engineering calculations and a programmer's calculator that does integer and fixed point arithmetic in decimal and hex.

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com  
My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)  
My low-cost Altera Flex design kit: <http://www.leonheller.com>

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-----  
Date: Wed, 31 Oct 2001 15:10:09 -0700  
From: "Alyn Backe" <va6cw@look.ca>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [110148] Low Power Laser (Maybe a bit OT)  
Message-ID: <001901c16258\$cf322a60\$28f7aecc@s8q7l5>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello.

I was wondering if anyone has a website address for low power laser projects? I'd like to modulate a low power laser and build up a matching receiver. A website address or the name of a modern up to date book would be appreciated.

Thanks.

AL, VA6CW...  
Red Deer, AB  
Grid: D032bg

-----  
Date: Wed, 31 Oct 2001 11:44:08 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-l@lehigh.edu  
Cc: graham@g3mfj.fsnet.co.uk, w5jay@alltel.net  
Subject: [110149] Photos of Jay's BC1-T (You're busted)  
Message-ID: <Pine.SUN.4.10.10110311128330.29492-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
The stories are leaking out about Jay Bromley's BC1-T QRP transmitter, something held in the gravest of secrecy. Only a few have seen it, in the dark, no photos allowed and under threat of death. But in the great information age, you just can't hide. Your secrets WILL be exposed. Eventually, you'll get busted.

For a real photo of Jay W5JAY's BC1-T, goto:  
<http://www.g3mfj.co.uk>  
Scroll down a few photos until you reach the one with Jay standing next to his secret BC1-T -- back view.

Thanks to Graham Firth, G3MFJ, for his excellent investigative journalism by sneaking out the evidentiary photo!

For a front view, goto:  
<http://www.olderadio.com/archives/hardware/Gates-BC1T.jpg>

72, Paul NA5N

-----  
Date: Wed, 31 Oct 2001 18:06:23 -0500  
From: Rick McKee <kc8aon@juno.com>

To: w6toy@erols.com, qrp-1@Lehigh.EDU  
Subject: [110150] Re: 40M mobile antenna ideas... Was:NEQRP SSB NET tonight  
Message-ID: <20011031.180629.12334.1.kc8aon@juno.com>

Well, the paint didn't affect the resonant frequencies at all, but I don't know about the losses though. There are better choices of paint to use as coatings for the coils, but I used the latex because that's what I had on hand. And I've seen the coils you mentioned, I've got a 1957 ARRL handbook with them listed in the catalog section. I can't figure out why they died out though - they look really well made and the multiband version had a sliding tap that you could lock in position via a locking lever. I like my coil and whip better than the Hustler setup, I have 2 taps for 40 meters - one for the lower cw portion of the band, and one for the upper ssb portion. All I have to do is get out and move the tap wire to whatever portion of the band I want. No need to readjust the stinger whip like the Hustler version !

73.....KC8AON

On Wed, 31 Oct 2001 07:06:16 -0500 Bruce Muscolino <w6toy@erols.com> writes:  
>OK, if the latex paint does not affect the inductance or the losses,  
>the  
>idea is a good one. In the old days, companies used to sell loading  
>coils for 8 foot whips. There were fixed frequency models and  
>adjustable coils. Most were made from something like Miniductor stock  
>(3 inch diameter) and encased in plastic. You can sometimes find  
>these  
>at hamfests! They sort of died out with the advent of things like the  
>Hustler Systems. Maybe they will make a comeback!  
>  
>73

---

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Date: Wed, 31 Oct 2001 18:11:10 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kd1jv@moose.ncia.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [110151] Re: RPN (was, I'm ba-aaack)  
Message-ID: <005f01c16261\$5b0fdac0\$0600a8c0@charter.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I started with an HP-35 (borrowed), then bought a used HP-45 right when the price dropped to \$300 from \$400. I wanted the HP-55 but couldn't swing the money. The 45 I got used for \$200, which was a HUGE chunk of change in 1973 when a GOOD used Mustang went for \$1500.

I liked the timer of the HP-55. 10 splits. Nice! Especially for lab experiments. So I figured out how to put it into the 45... (Took out the LC network, and put in a crystal. A guy from Philly was selling the crystals with instructions on how to modify the <ENTER> key to make it activate the timer function. Turns out HP had 'dual contacts' under the key, but the key plastic only had one 'bump'. You took a nylon screw head and glued it onto the bottom of the key, sanded it to make it's profile match the pre-existing bump, and now <GOLD> <ENTER> would kick the thing into a 10-split stopwatch, which was accurate!)

Still got the HP-45. And have since bought 2 HP-16Cs. My first had to stay when I left a job back in 1985, so I bought another right away and still got it.

Remember the Novus? They had a 'kit' calculator. Scientific. Pretty nice. Only it could be built with EITHER a 4 level stack, or a 10-level stack! But personally, I've RARELY had bang the 4-level limit. Once you hit that, it becomes difficult to manage mentally anyway, and you'd better repick your starting point to work the equation.

Mike

----- Original Message -----

From: Steven Weber <kd1jv@moose.ncia.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Wednesday, October 31, 2001 10:42 AM  
Subject: Re: RPN (was, I'm ba-aaack)

> > I'm still stuck in the RPN days, as once you learn it, it really is so  
> > much better. But some people just don't get the mindset.  
> >  
> Yeap, "normal" calculators and adding machines drive me nuts! I keep  
> forgetting to push the = button and have to start all over again! I  
> learned RPN on a HP21- significantly better quality than the TI  
> calculators common at that time.(still got it, but needs new ni-cads)  
> Now I use a HP-11C for all my number crunching. Long live RPN and the



> four layer stack!  
>  
> 72,  
> Steve, KD1JV in the White Mountains of New Hampshire  
> "Melt Solder"  
> <http://www.qsl.net/kd1jv/index.html>  
>

-----  
Date: Wed, 31 Oct 2001 16:45:30 -0700  
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>  
To: "'QRP-L Messages'" <qrp-l@lehigh.EDU>  
Cc: "'Underdog Dan/N4roa'" <n4roa@mounet.com>  
Subject: [110152] Underdogs need Help, Quick!  
Message-ID: <BF11C300DA60D5118A2900508BCF825B016EB374@entcoexch05.tci.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset=iso-8859-1  
Content-Transfer-Encoding: 7bit

Hello All,

I will cut to the chase.

The prior "Underdog" Fox Hunting team is struggling to field a team if there is still time. Have queried the "Team Master" Bruce on that item. If his answer is yes, it looks like 3 team members are needed ASAP.

Ole Underdog Dan, N4ROA leads the pack from his high hill in Virginia and Ole Underdog Ron, KI0II pushes along from his 5900 foot perch in Colorado.

So, if anyone is interested in these potential very demanding but extremely glamorous positions as members of the world famous "Underdogs" Fox Hunting Team, let me know. First 3 responses..... Need Call sign, name and State. Well at least a call sign!

Thanks and good hunting.

Ron    ki0ii

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End of QRP-L Digest 2359

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